001

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-47062	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME:
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.	9. WELL NAME and NUMBER: BONANZA 1023-2A
3. ADDRESS OF OPERATOR: P.O. BOX 1148 CITY VERNAL STATE UT ZIP 84078 / PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: ~~BONANZA~~ Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 625'FNL & 831'FEL 4427124Y 39.98353 / 646238X -109.28730 AT PROPOSED PRODUCING ZONE:	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 10S 23E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 32.7 MILES SOUTHEAST OF VERNAL, UTAH	12. COUNTY: UINTAH / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 625'	16. NUMBER OF ACRES IN LEASE: 642.32 / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 320
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): REFER TO TOPO C	19. PROPOSED DEPTH: 8,200 / 20. BOND DESCRIPTION: ~~RLB0005~~ RLB0005238
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5385'GL	22. APPROXIMATE DATE WORK WILL START: / 23. ESTIMATED DURATION:

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	9 5/8	32.3#	H-40	2,000	265 SX
7 7/8"	4 1/2	11.6#	J-55	8,200	1670 SX

RECEIVED
NOV 10 2003
DIV. OF OIL, GAS & MINING

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST

SIGNATURE Sheila Upchego DATE 11/6/2003

(This space for State use only)

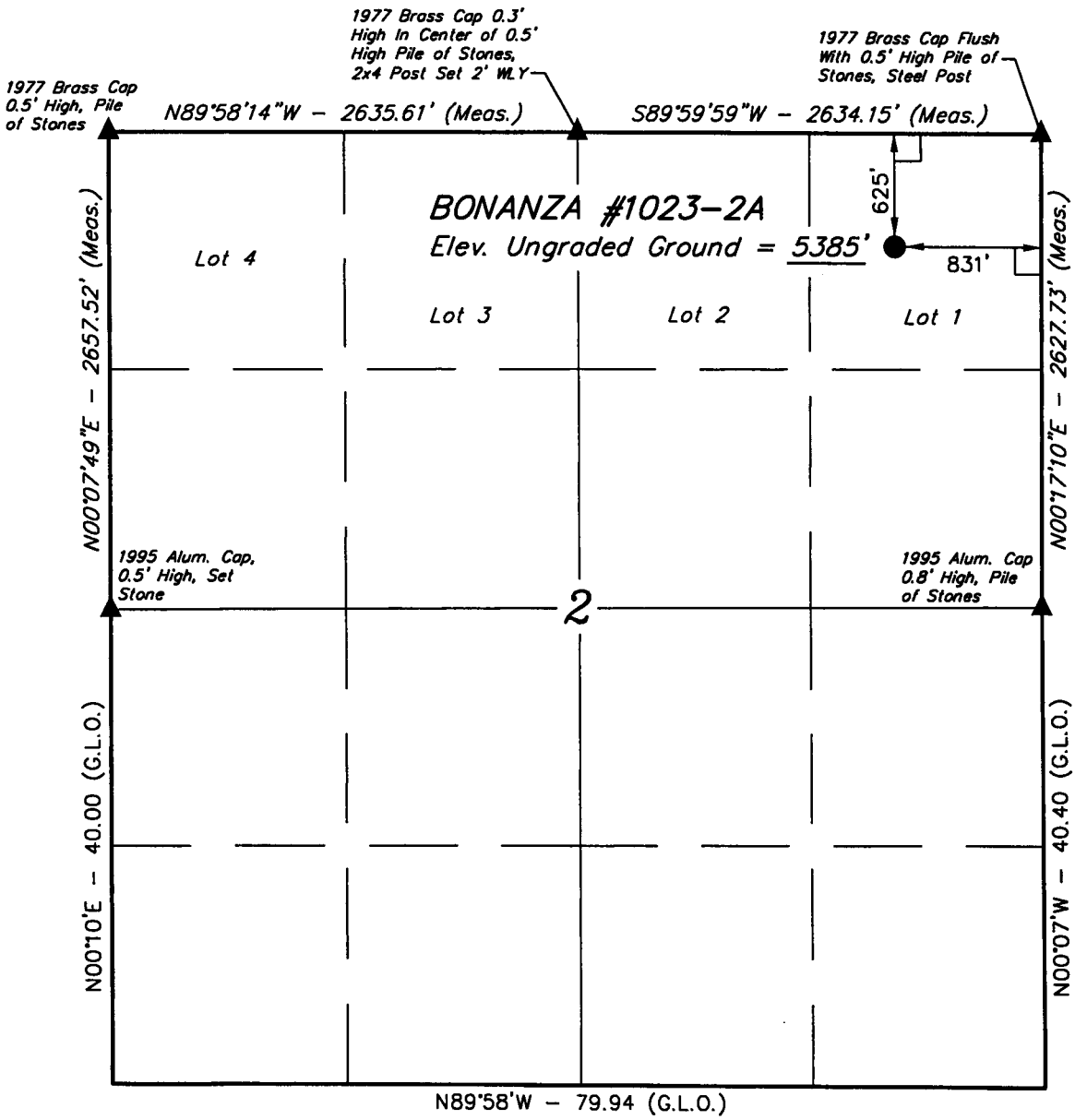
API NUMBER ASSIGNED: 43-047-35347

APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining
Date: 12-10-03
By:

(11/2001) (See Instructions on Reverse Side)

T10S, R23E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°59'00.50" (39.983472)

LONGITUDE = 109°17'16.11" (109.287808)

WESTPORT OIL AND GAS COMPANY, L.P.

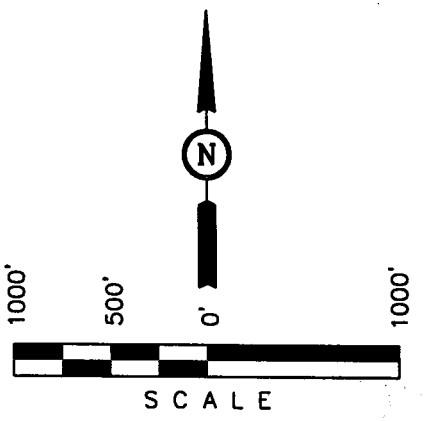
Well location, BONANZA #1023-2A, located as shown in the NE 1/4 NE 1/4 of Section 2, T10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-19-03	DATE DRAWN: 10-20-03
PARTY K.K. B.J. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

BONANZA #1023-2A
NE/NE Sec. 2,T10S,R23E
UINTAH COUNTY, UTAH
ML-47062

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
Uinta	Surface
Green River	1080'
Wasatch	4155'
Mesaverde	5890'
TD	8200'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
	Green River	1080'
Gas	Wasatch	4155'
Gas	Mesaverde	5890'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please see the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please see the attached Drilling Program

5. **Drilling Fluids Program:**

Please see the attached Drilling Program.

6. **Evaluation Program:**

Please see the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8200' TD, approximately equals 3280 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1476 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see the attached Drilling Program.

10. **Other Information:**

Please see the attached Drilling Program.

BONANZA #1023-2A
NE/NE Sec. 2, T10S-R23E
Uintah County, UT
ML-47062

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection***. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. ***The need for a reserve pit liner will be determined at the on-site inspection.***

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and a copy of this report will be submitted when it becomes available.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego
Regulatory Analyst
Westport O&G Co. L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Westport O&G Co. L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O& GCo. L.P. is considered to be the operator of the subject well. Westport O& G Co. L.P agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Westport O&G Co. L.P. State Surety Bond: RLB0005.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Sheila Upchego

11/6/03
Date

Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.			DATE	November 4, 2003		
WELL NAME	**BONANZA 1023-2A**			TD	8,200' MD/TVD		
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	ELEVATION	5,384' GL	KB 5,399'	
SURFACE LOCATION	625' FNL, 831' FEL, NENE SEC. 2, T10S, R23E					BHL	Straight Hole
	Lat (39.983472) Long (109.287808)						
OBJECTIVE ZONE(S)	Wasatch/Mesaverde						
ADDITIONAL INFO	Regulatory Agencies: BLM, UDOGM (SURFACE & MINERALS), Tri-County Health Dept.						

LOGS	GEOLOGICAL FORMATION TOPS	DEPTH	MECHANICAL HOLE SIZE	CASING SIZE	MUD WEIGHT
		20'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
Catch water sample, if possible, from 0 to 4,155'					
	Green River @	1,080			
	Preset f/ GL @	2000 MD			
	4.5" M80 csg from 0 to	2,000'			
Mud logging program TBD Open hole logging program f/ TD - surf csg					Air Mist/Polymer Aerated Water/Brine
			7-7/8"	4-1/2",11.6#,J55,M80,I80 or equivalent LTC csg	8.3-10.0 ppg
	Wasatch @	4,155'			
	Mverde @	5,890'			
	TD @	8,200'			Max anticipated Mud required 10.0 ppg

Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.92********	1.46	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 2000	11.60	M-80	LTC	3.16	1.97	2.42
						5350	4960	162000
PRODUCTION	4-1/2"	2000 to 8200	11.60	J-55	LTC	1.84	1.16	2.58

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2460 psi

******** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			**NOTE: If well will circulate water to surface, option 2 will be utilized**				
Option 2	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,650'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	400	60%	11.00	3.38
	TAIL	4,550'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1270	60%	14.30	1.31

*Substitute caliper hole volume plus 15% excess if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER: _____ **DATE:** _____

Brad Laney

WESTPORT OIL AND GAS COMPANY, L.P.
BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 6.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 63.7 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T10S, R23E, S.L.B.&M.

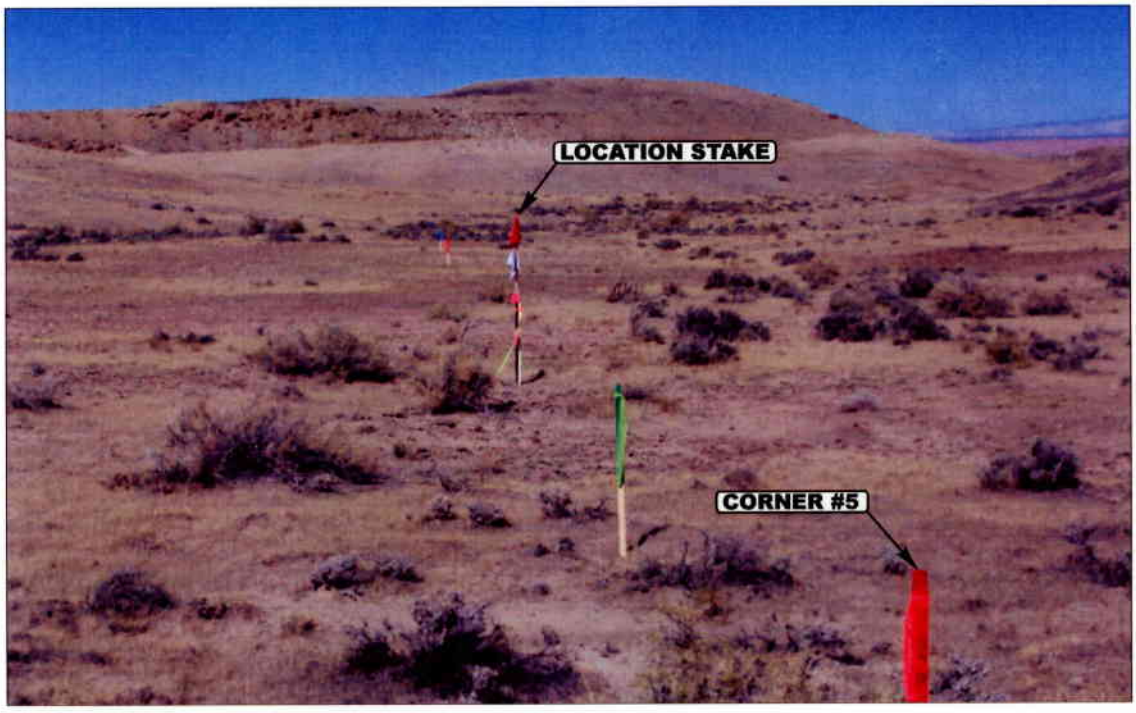


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

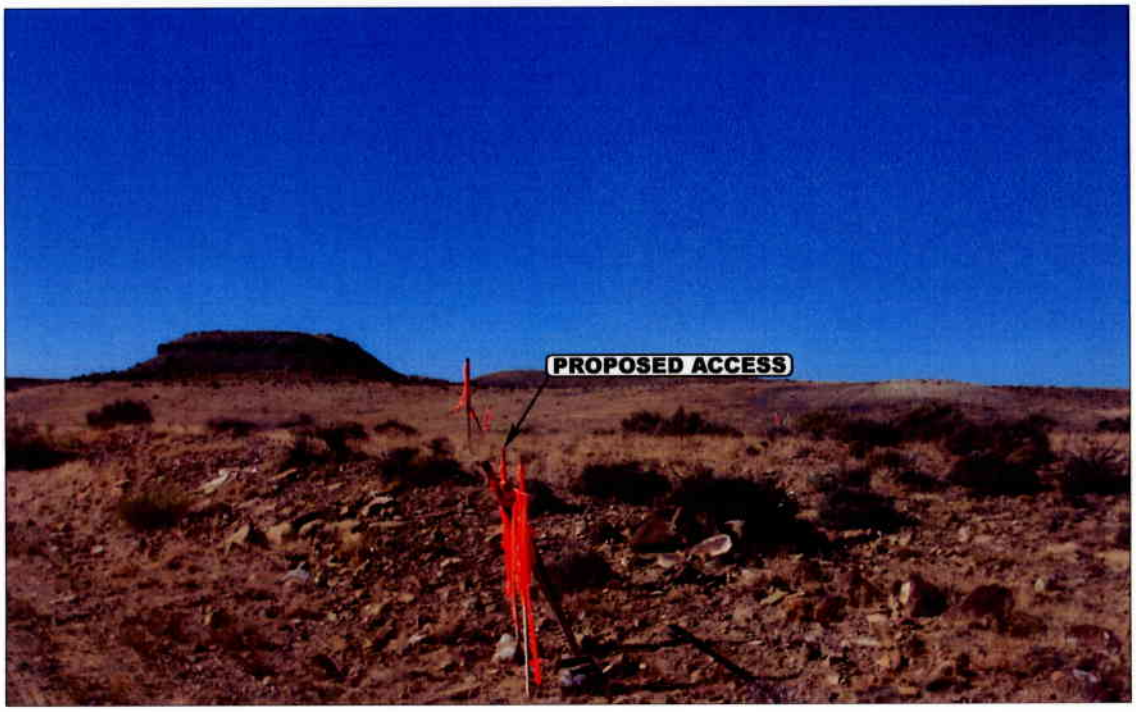
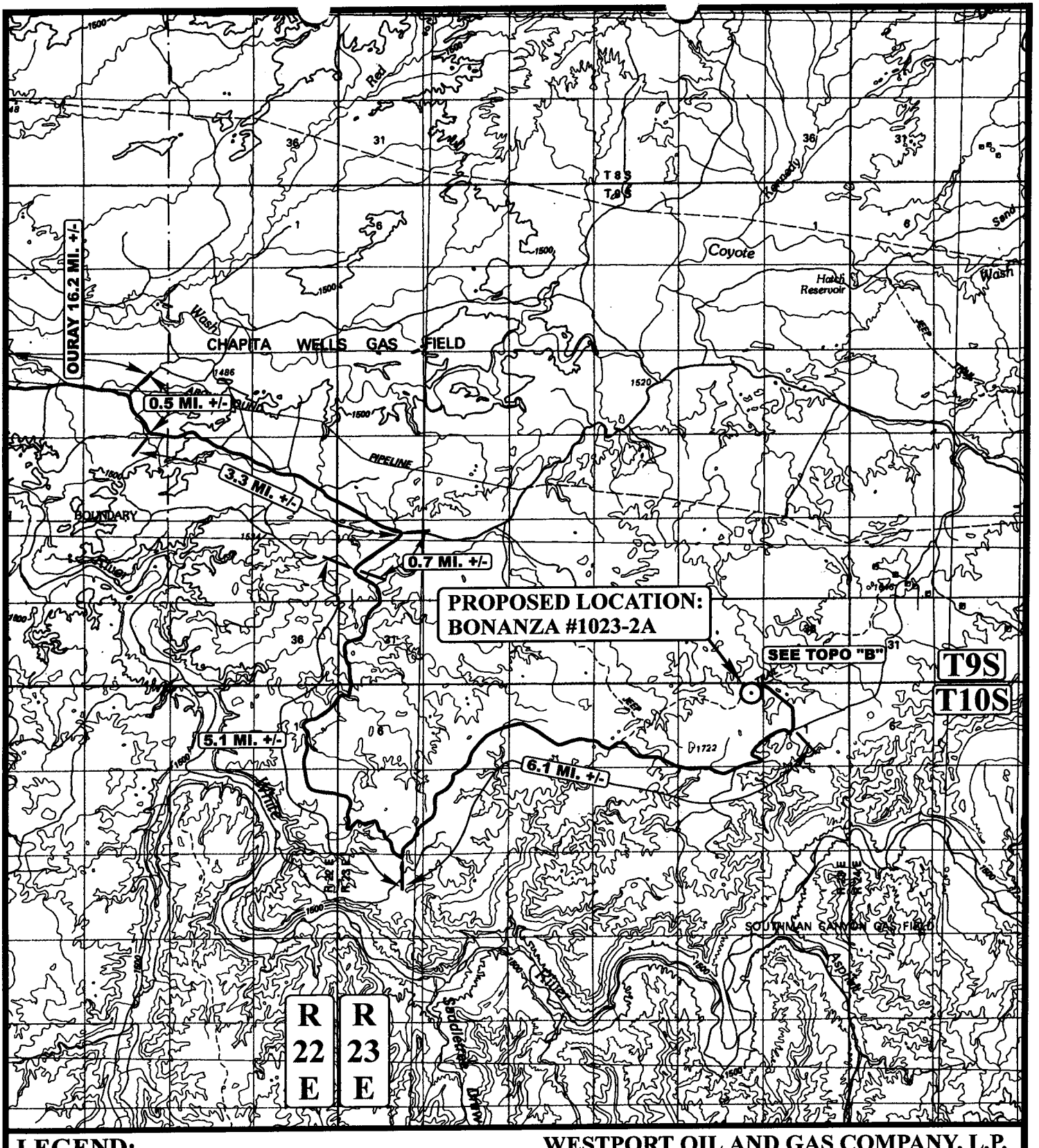


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHWESTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	10 MONTH	23 DAY	03 YEAR	PHOTO
TAKEN BY: K.K.	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

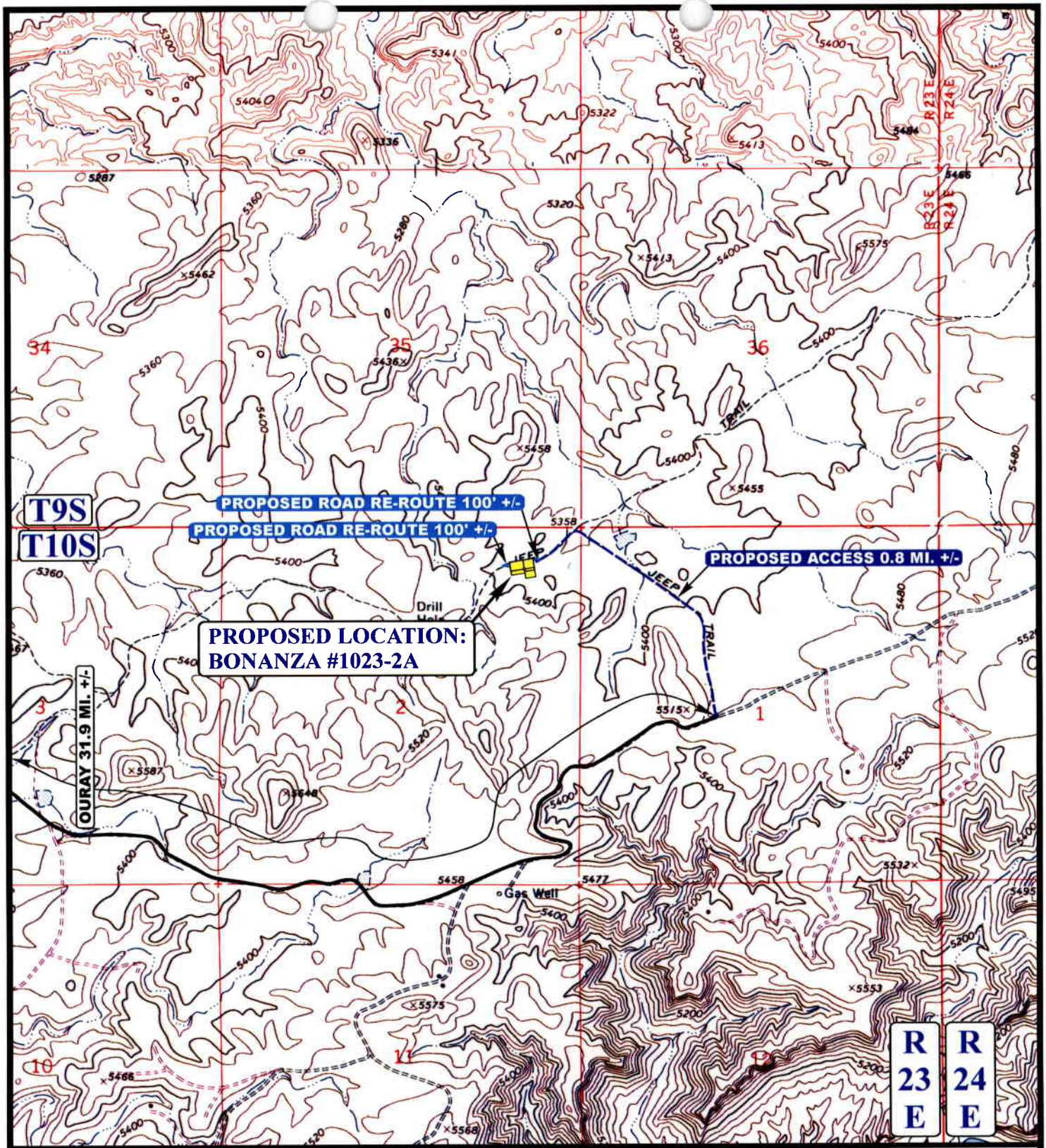
N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
PROPOSED ROAD RE-ROUTE

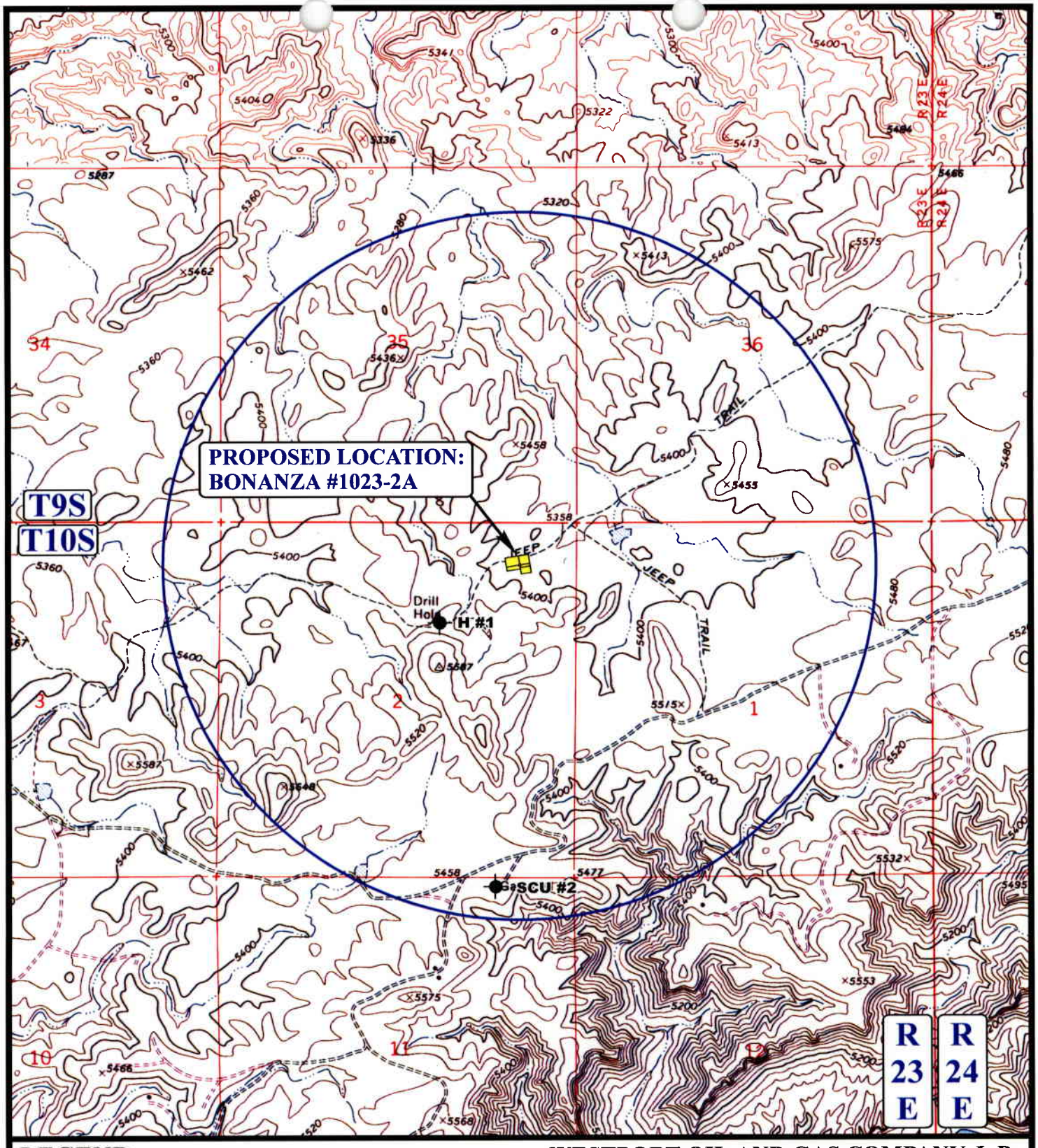
N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- WATER WELLS
- PRODUCING WELLS
- ABANDONED WELLS
- SHUT IN WELLS
- TEMPORARILY ABANDONED

N

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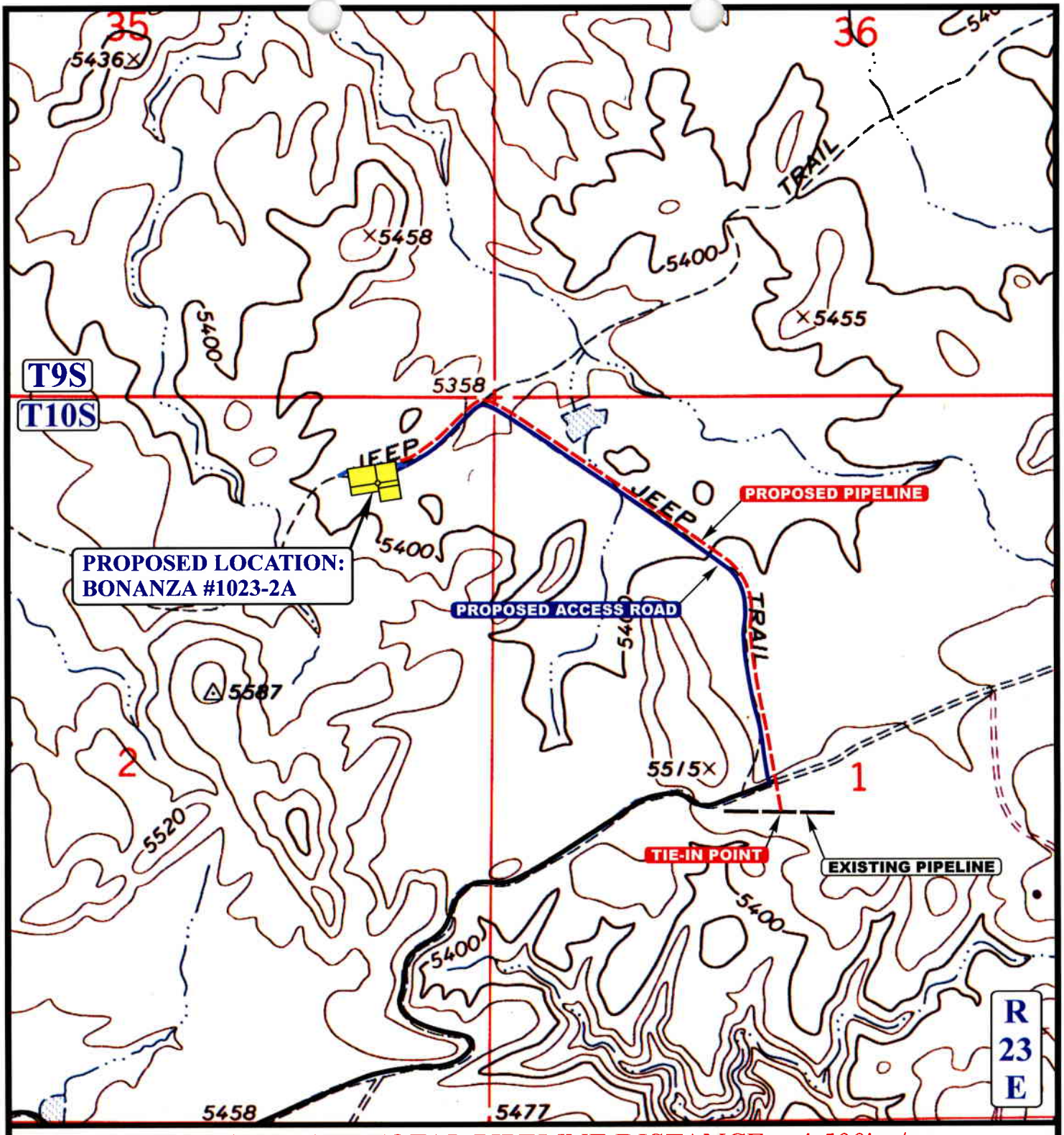
TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 4,500' +/-

LEGEND:

PROPOSED ACCESS ROAD

EXISTING PIPELINE

PROPOSED PIPELINE

N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 10 MONTH | 23 DAY | 03 YEAR

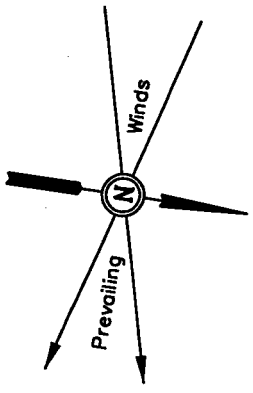
SCALE: 1" = 1000' | DRAWN BY: P.M. | REVISED: 00-00-00

D TOPO

WESTPORT OIL AND GAS COMPANY, L.P.

LOCATION LAYOUT FOR

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL



SCALE: 1" = 50'
DATE: 10-20-03
Drawn By: D.COX

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

F-0.5'
El. 83.5'
8
Sta. 3+50

C-5.4'
El. 89.4'
6
60'
7
C-3.4'
El. 87.4'

Round Corners as Needed

Approx. Top of Cut Slope

Topsoil Stockpile

200'

Existing Road

Proposed Road Re-Route

Approx. Toe of Fill Slope

PIPE TUBS
PIPE RACKS
CATWALK

Pit Topsoil
FLARE PIT
C-3.0'
El. 87.0'
C-1.8'
El. 85.8'
C-0.5'
El. 84.5'
F-3.3'
El. 80.7'
Blooie Line
5
C
RIG
1
22'
38'
135'
Sta. 1+50

El. 91.6'
B
C-17.6'
(btm. pit)
100'
MUD TANKS
DOG HOUSE
TOILET
TRAILER
LIGHT PLANT
BOILER
COMPRESSOR
BOOSTER
PUMP HOUSE
WATER TANK

RESERVE PITS
(10' Deep)

15' WIDE BENCH
150'
MUD TANKS
TRASH
PROPANE STORAGE
35'
150'
1 1/2:1 Slope

Total Pit Capacity
W/2' of Freeboard
= 14,440 Bbls. ±
Total Pit Volume
= 3,920 Cu. Yds.

Sta. 0+15

C-1.1'
El. 85.1'
3

El. 87.0'
C-13.0'
(btm. pit)
A
4
Sta. 0+00
2
C-0.6'
El. 84.6'

Reserve Pit Backfill & Spoils Stockpile
F-0.7'
El. 83.3'

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5384.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 5384.0'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

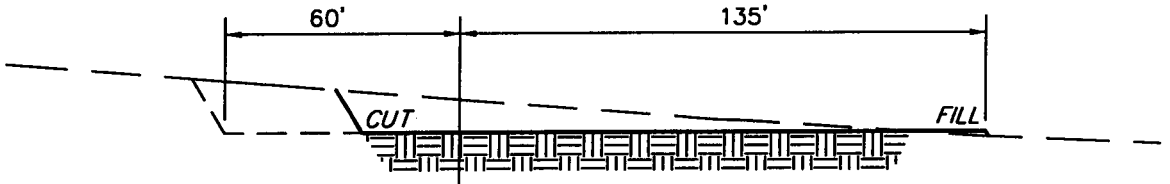
FIGURE #2

TYPICAL CROSS SECTIONS FOR

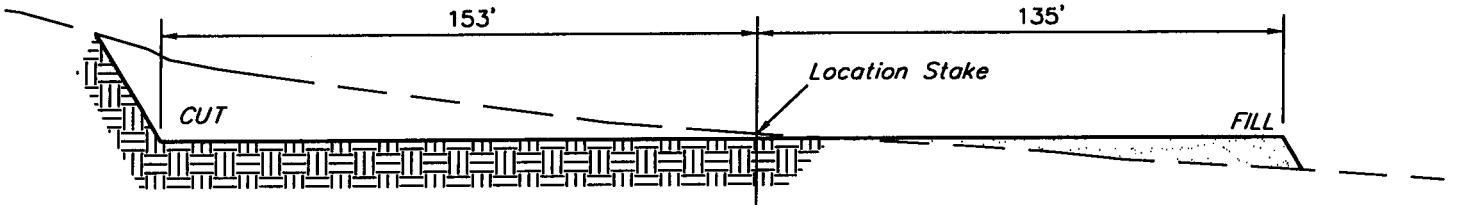
BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

1" = 20'
X-Section Scale
1" = 50'

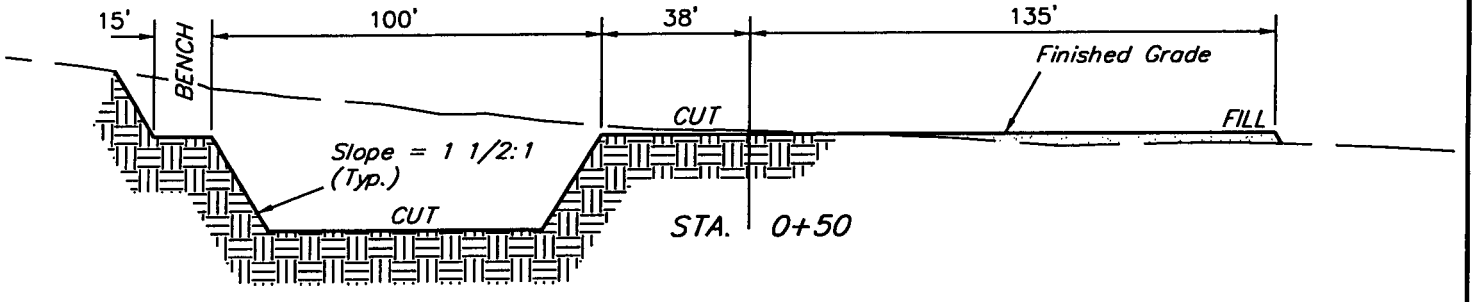
DATE: 10-20-03
Drawn By: D.COX



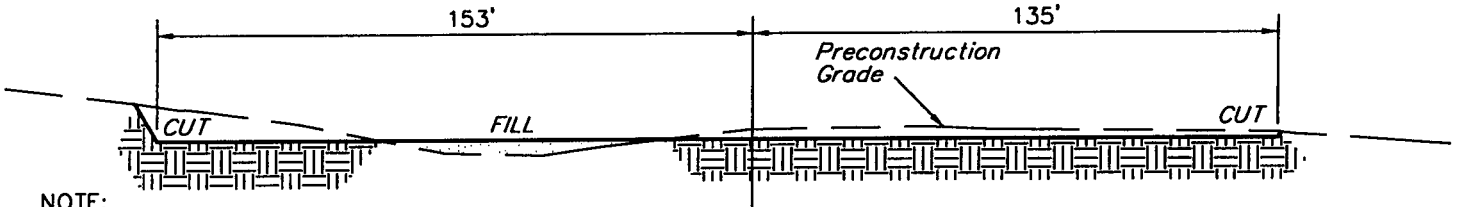
STA. 3+50



STA. 1+50



STA. 0+50



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,590 Cu. Yds.
Remaining Location = 7,770 Cu. Yds.

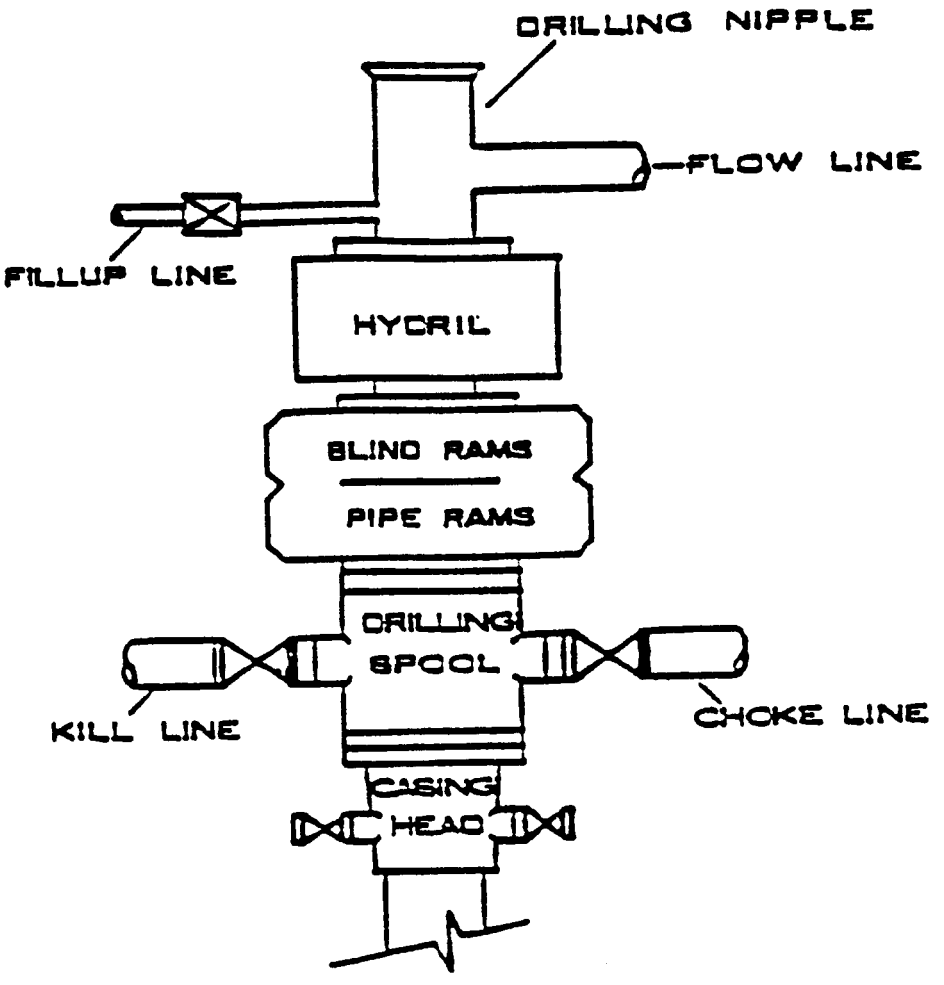
TOTAL CUT = 9,360 CU.YDS.
FILL = 2,250 CU.YDS.

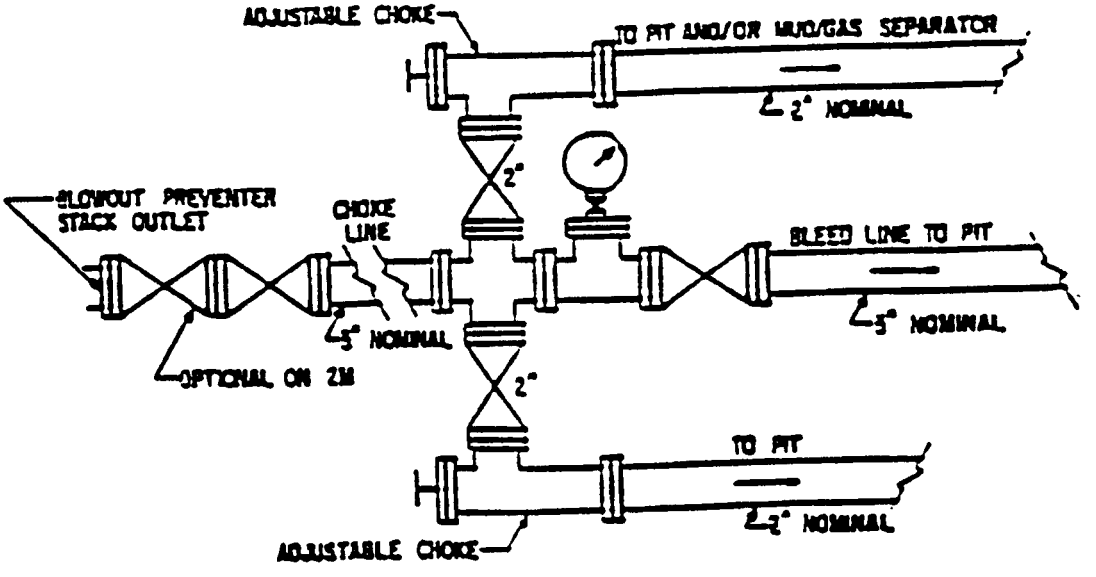
EXCESS MATERIAL AFTER 5% COMPACTION = 6,990 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,550 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 3,440 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

3,000 PSI

BOP STACK





WORKSHEET

APPLICATION FOR PERMIT TO DRILL

003

APD RECEIVED: 11/10/2003

API NO. ASSIGNED: 43-047-35347

WELL NAME: BONANZA 1023-2A

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NENE 02 100S 230E

SURFACE: 0625 FNL 0831 FEL

BOTTOM: 0625 FNL 0831 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47062

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	11/25/03
Geology		
Surface		

LATITUDE: 39.98353

LONGITUDE: 109.28730

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[3] Fee[]

(No. ~~RLB0005~~ RLB0005238)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit

(No. 43-8496)

N RDCC Review (Y/N)

(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit ___

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 179-9

Eff Date: 12-28-1999

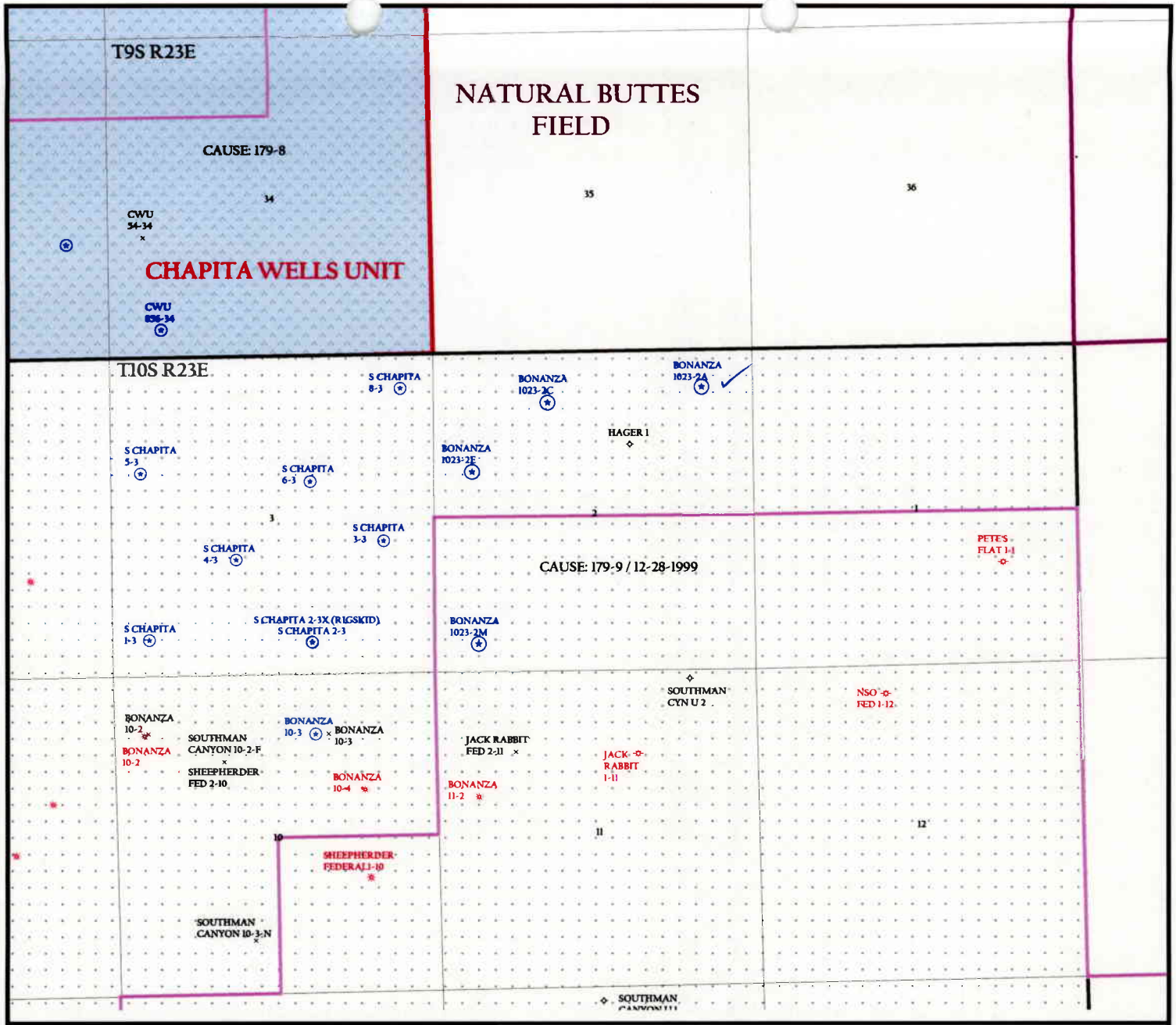
Siting: 460' fr drl u boundary & 920' fr other wells

___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (11-20-03)

STIPULATIONS: (1) - Surface Csg. Cmt Stip

(2) STATEMENT OF BASIS



OPERATOR: WESTPORT O&G CO (N2115)

SEC. 2 T.10S, R.23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 179-9 / 12-28-1999

Utah Oil Gas and Mining

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

N W E S

PREPARED BY: DIANA WHITNEY
DATE: 10-NOVEMBER-2003

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: WESTORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: STATE 1023-2A
API NUMBER: 43-047-35347
LEASE: ML-47062 **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4,1/4 NE/NE **Sec:** 2 **TWP:** 10S **RNG:** 23E 831' FEL 625' FNL
LEGAL WELL SITING: 460' from unit boundary and 920' from other wells.
GPS COORD (UTM): 646251E 4427124N **SURFACE OWNER:** STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CARROLL ESTES, CLAY EINERSON, CARROLL WILSON, DEBRA DOMENICI (WESTPORT), DAVID WESTON (UELS).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN AN AREA OF ROLLING HILLS AND KNOLLS WITH SHALLOW DRAWS DRAINING GRADUALLY TO THE EAST, AND EVENTUALLY TO THE SOUTH TO THE WHITE RIVER TWO MILES AWAY. OURAY, UTAH IS 32.7 MILES TO THE NORTHWEST, AND BONANZA, UTAH IS SIX MILES TO THE NORTHEAST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 350' BY 273'. ACCESS ROAD WILL BE 0.8 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL BE SURVEYED AT A LATER DATE IF NEEDED.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGE, GREASEWOOD, HORSEBRUSH, PRICKLY PEAR, SHADSCALE, CHEATGRASS: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY, WITH SMALL BLACK AND ORANGE SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 150' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: **AS PER SITLA.**

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM DAY WITH NO SNOW COVER.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD	11/20/03, 11:00 AM
DOGM REPRESENTATIVE	DATE/TIME

Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	10
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0

Final Score 15 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.


NOV 20 2003


NOV 20 2003


NOV 20 2003


NOV 20 2003

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: STATE 1023-2A
API NUMBER: 43-047-35347
LOCATION: 1/4,1/4 NE/NE Sec: 2 TWP: 10S RNG: 23E 831' FEL 625' FNL

Geology/Ground Water:

Westport proposes to set 2,000' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,450'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location . The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 11/24/03

Surface:

The predrill investigation of the surface was performed on 11/20/03. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 11/13/03. Mr. Bartlett was present. He had no concerns regarding the construction of this location or the drilling of the well. This site is on State surface, with State minerals, and appears to be the best site for a location in the immediate area. Carroll Estes with Westport stated that the access road to this well would run due south for 0.8 miles to an existing road, and not follow the existing two track as is shown in the APD. He said an amended APD would be submitted to DOGM and SITLA. He also stated that there were archeological concerns in this section, and Montgomery Archeological Consultants would work closely with the surveyors while this road is being surveyed. This proposed location will be larger that those usually constructed by Westport. Mr. Estes stated that this was necessary to accommodate the huge frac jobs required in this area.

Reviewer: David W. Hackford **Date:** 11/21/2003

Conditions of Approval/Application for Permit to Drill:

None.

Well name:	**11-03 Westport Bonanza 1023-2A**
Operator:	**Westport Oil & Gas**
String type:	Surface
Project ID:	43-047-35347
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,753 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,507 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 8,200 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,260 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	9.625	32.30	H-40	ST&C	2000	2000	8.876	126.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	2000	2270	1.14	57	254	4.49 J

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: November 25,2003
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**11-03 Westport Bonanza 1023-2A**
Operator:	**Westport Oil & Gas**
String type:	Production
Project ID:	43-047-35347
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,276 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 4,260 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,974 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 190 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
2	2000	4.5	11.60	M-80	LT&C	2000	2000	3.875	46.4
1	6200	4.5	11.60	J-55	LT&C	8200	8200	3.875	143.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	1039	5855	5.636	3516	7780	2.21	81	267	3.30 B
1	4260	4960	1.164	4260	5350	1.26	58	162	2.81 J

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: November 25,2003
Salt Lake City, Utah

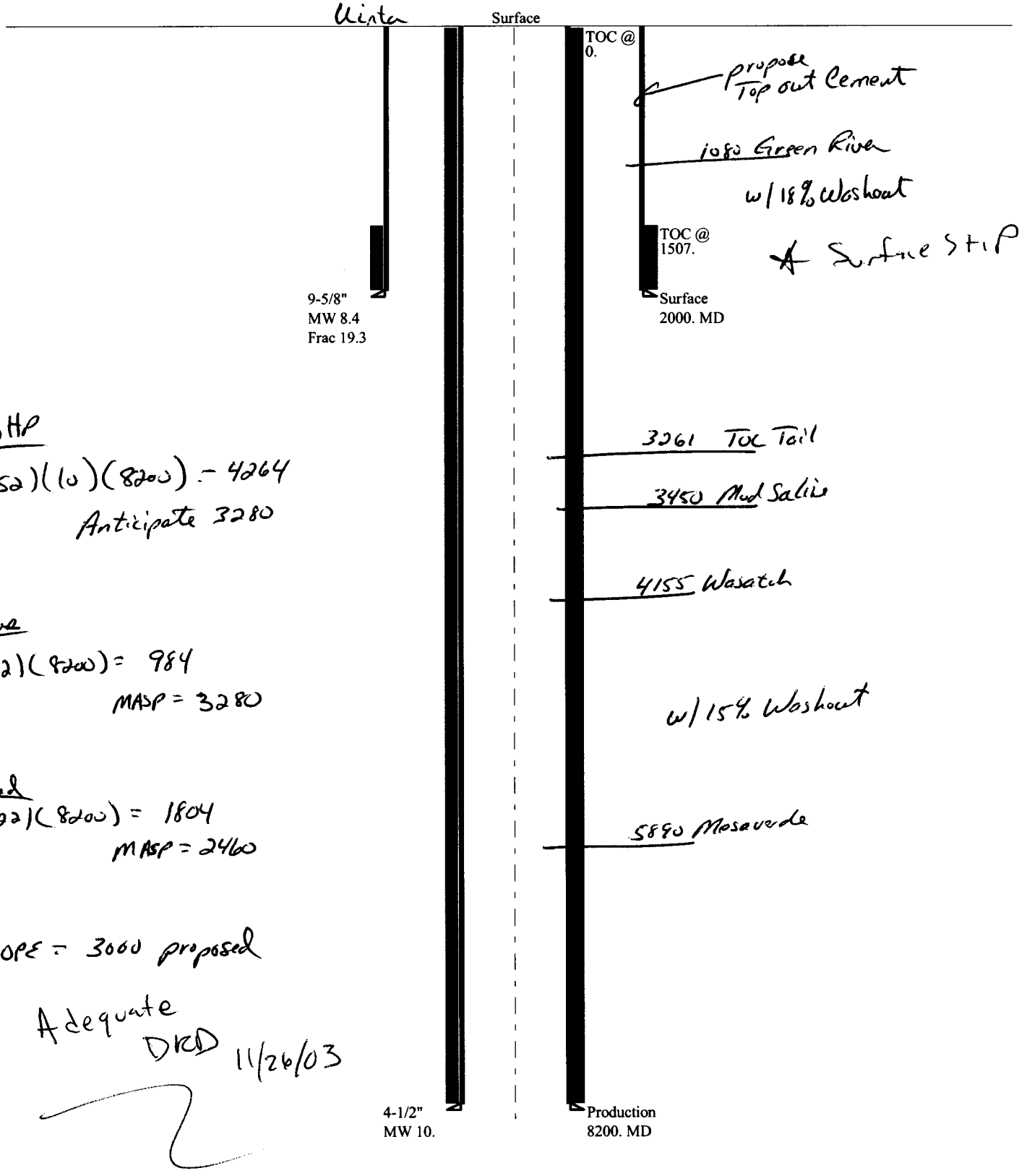
Remarks:
Collapse is based on a vertical depth of 8200 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

11-03 Westport Bonanza 10~~25~~-2A

Casing Schematic



BHP

(.052)(10)(8200) = 4264

Anticipate 3280

Gas

(.12)(8200) = 984

MASP = 3280

Mud

(.22)(8200) = 1804

MASP = 2460

BOPE = 3000 proposed

Adequate

DKD 11/26/03

From: Ed Bonner
To: Whitney, Diana
Date: 12/10/03 3:05PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas Company
- Bonanza 1023-2A Two significant sites in original pipeline corridor/access road. Montgomery surveyed and cleared an alternate pipeline corridor/access road which must be used.
- Bonanza 1023-2C
- Bonanza 1023-2E
- Bonanza 1023-2M

The Houston Exploration Company
- Southman Canyon 2D-36
- Southman Canyon 4D-36
- Southman Canyon 6D-36
- Southman Canyon 10D-36
- Southman Canyon 12D-36

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil

004

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

December 10, 2003

Westport Oil & Gas Company
P O Box 1148
Vernal, UT 84078

Re: Bonanza 1023-2A Well, 625' FNL, 831' FEL, NE NE, Sec. 2, T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35347.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Westport Oil & Gas Company

Well Name & Number Bonanza 1023-2A

API Number: 43-047-35347

Lease: ML-47062

Location: NE NE **Sec.** 2 **T.** 10 South **R.** 23 East

Conditions of Approval

1. **General**
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. Surface casing shall be cemented to the surface.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑
(highlight changes)

005

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-47062	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME:
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.	9. WELL NAME and NUMBER: BONANZA 1023-2A
3. ADDRESS OF OPERATOR: P.O. BOX 1148 CITY VERNAL STATE UT ZIP 84078 / PHONE NUMBER: (435) 781-7060	10. FIELD AND POOL, OR WILDCAT: BONANZA
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 625' FNL 831' FEL AT PROPOSED PRODUCING ZONE:	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 10S 23E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 32.7 MILES SOUTHEAST OF OURAY, UTAH	12. COUNTY: UINTAH / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 625'	16. NUMBER OF ACRES IN LEASE: 642.32 / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 320
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): REFER TO TOPO "C"	19. PROPOSED DEPTH: 8,200 / 20. BOND DESCRIPTION: STATE SURETY RLB0005236
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5385' GL	22. APPROXIMATE DATE WORK WILL START: / 23. ESTIMATED DURATION: TO BE DETERMINED

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4"	9 5/8" 32.3# H-40	2,000	PREMIUM CMT	265 SKS	1.18	15.6
7 7/8"	4 1/2" 11.6# J-55	8,200	PREM LITE II	400 SKS	3.38	11.0
			50/50 POZ/G	1270 SKS	1.31	14.3

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) DEBRA DOMENICI TITLE SR ADMINISTRATIVE ASSISTANT

SIGNATURE Debra Domenici DATE 12/9/2003

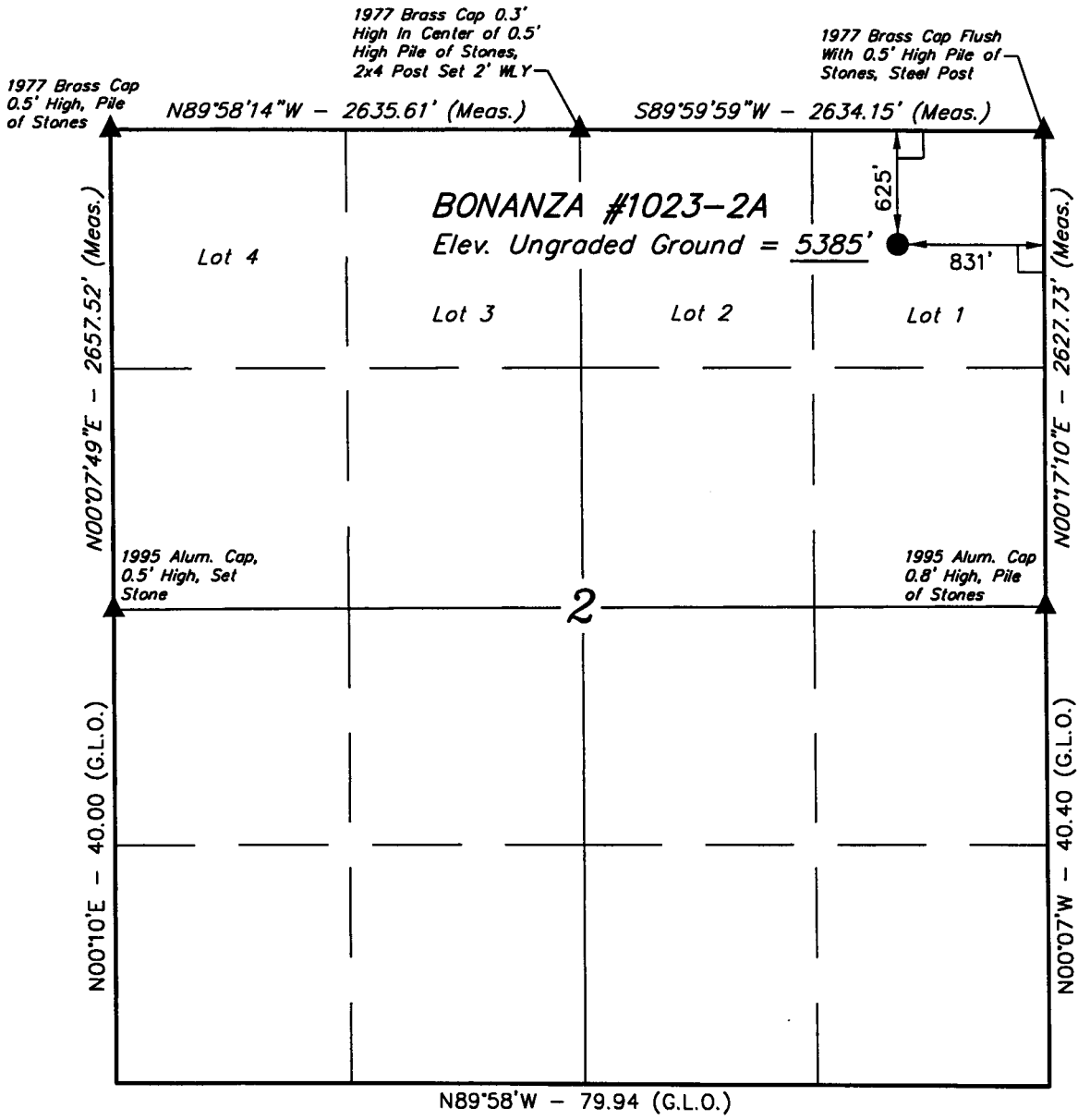
(This space for State use only)

API NUMBER ASSIGNED: 43-047-35347 APPROVAL:

RECEIVED
DEC 15 2003
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

T10S, R23E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°59'00.50" (39.983472)

LONGITUDE = 109°17'16.11" (109.287808)

WESTPORT OIL AND GAS COMPANY, L.P.

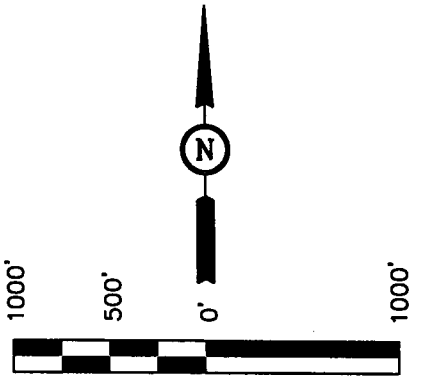
Well location, BONANZA #1023-2A, located as shown in the NE 1/4 NE 1/4 of Section 2, T10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 10-19-03	DATE DRAWN: 10-20-03
PARTY: K.K. B.J. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: WESTPORT OIL AND GAS COMPANY, L.P.	

WESTPORT OIL AND GAS COMPANY, L.P.
BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 5.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 63.2 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T10S, R23E, S.L.B.&M.

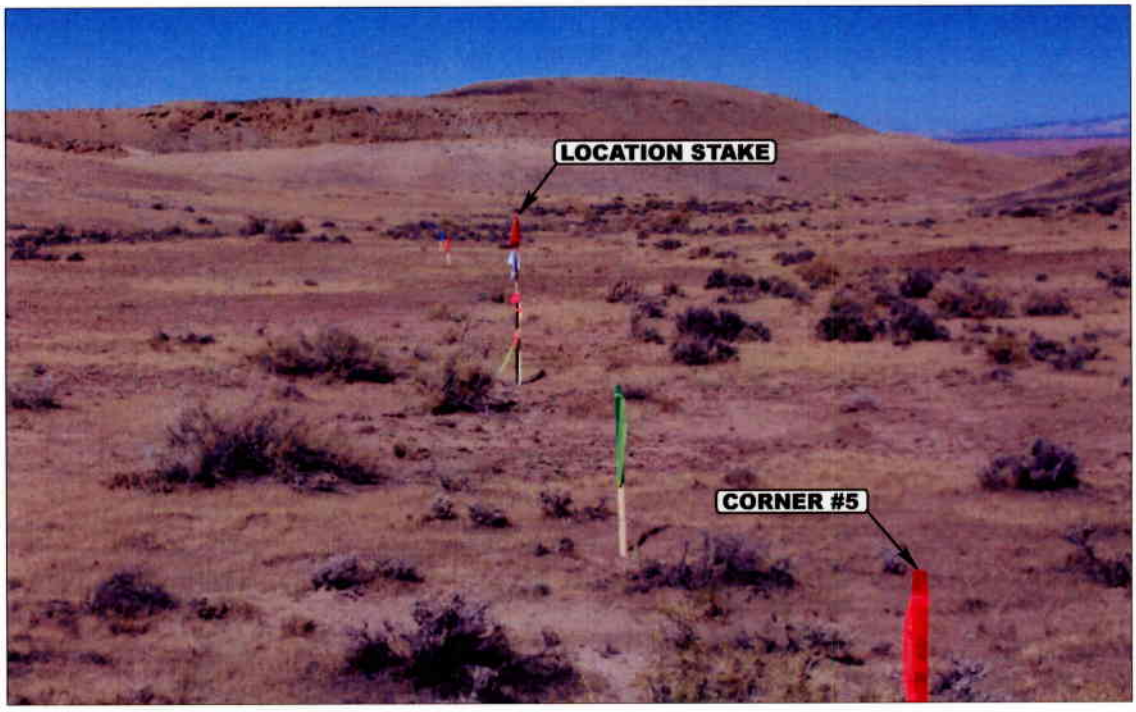


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHERLY**

- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	10 MONTH	23 DAY	03 YEAR	PHOTO
TAKEN BY: K.K.	DRAWN BY: P.M.	REVISED: 12-02-03		

BONANZA #1023-2A
NE/NE SECTION 2-T10S-R23E
UINTAH COUNTY, UTAH
LEASE NUMBER: ML-47062

ONSHORE ORDER NO. 1
WESTPORT OIL & GAS COMPANY

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
Uinta	Surface
Green River	1080'
Wasatch	4155'
Mesa Verde	5890'
Total Depth	8200'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
	Green River	1080'
Gas	Wasatch	4155'
	Mesa Verde	5890'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment:**

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure at 8200' TD approximately equals 3280 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1476 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

Please refer to the attached Drilling Program.

9. **Variances:**

Please refer to the attached Drilling Program.

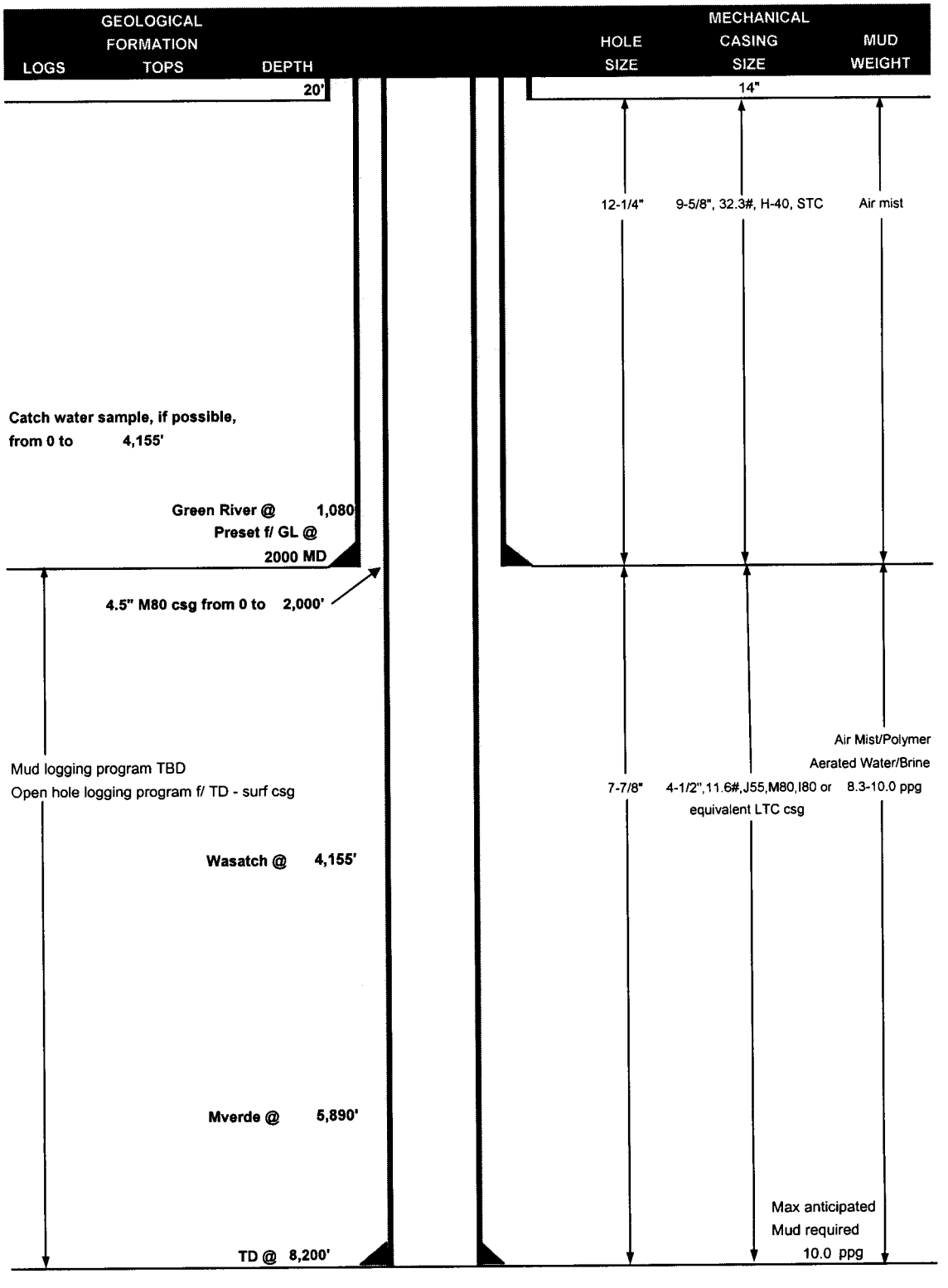
10. **Other Information:**

Please refer to the attached Drilling Program.

Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.			DATE	November 4, 2003		
WELL NAME	**BONANZA 1023-2A**			TD	8,200' MD/TVD		
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	ELEVATION	5,384' GL	KB 5,399'	
SURFACE LOCATION	625' FNL, 831' FEL, NENE SEC. 2, T10S, R23E					BHL	Straight Hole
	Lat (39.983472) Long (109.287808)						
OBJECTIVE ZONE(S)	Wasatch/Mesaverde						
ADDITIONAL INFO	Regulatory Agencies: BLM, UDOGM (SURFACE & MINERALS), Tri-County Health Dept.						



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.92*******	1.46	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 2000	11.60	M-80	LTC	3.16	1.97	2.42
						5350	4960	162000
PRODUCTION	4-1/2"	2000 to 8200	11.60	J-55	LTC	1.84	1.16	2.58

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2460 psi

******** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			**NOTE: If well will circulate water to surface, option 2 will be utilized**				
Option 2	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,650'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	400	60%	11.00	3.38
	TAIL	4,550'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1270	60%	14.30	1.31

*Substitute caliper hole volume plus 15% excess if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

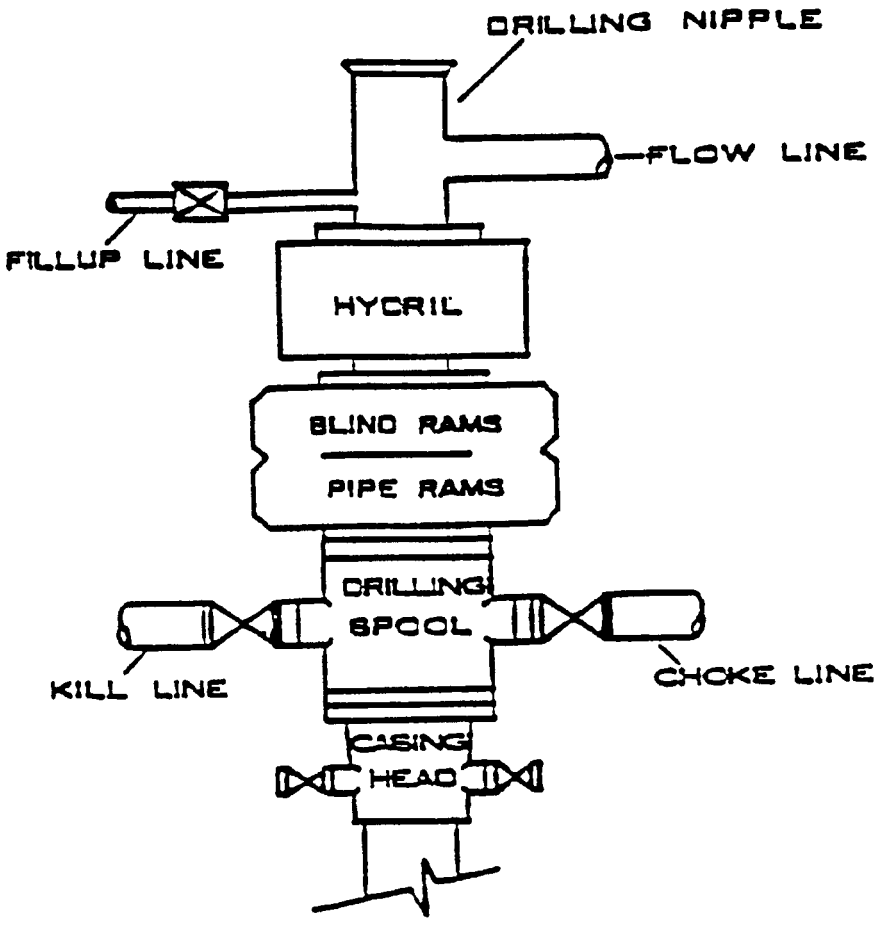
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

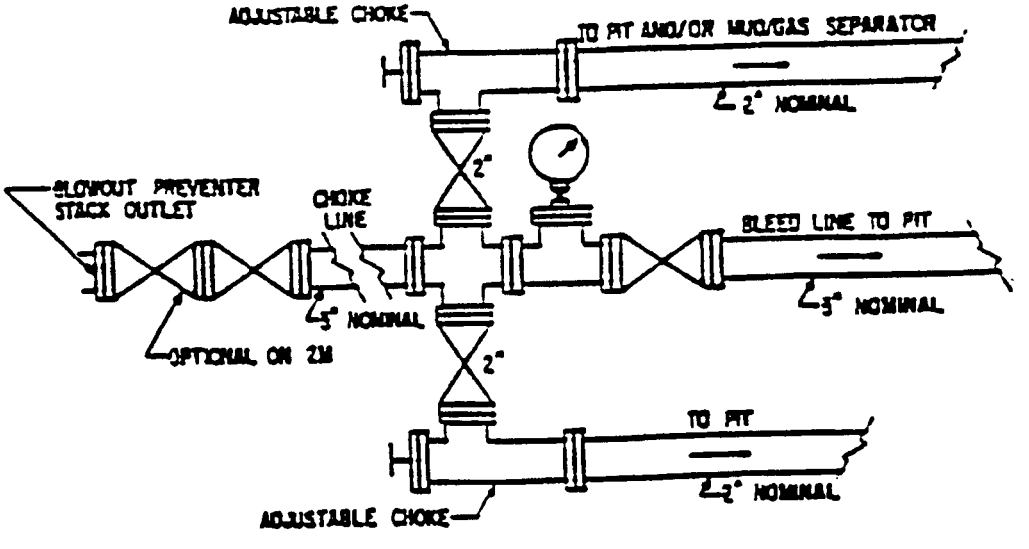
DRILLING ENGINEER: _____ **DATE:** _____

Brad Laney

3,000 PSI

BOP STACK





BONANZA #1023-2A
NE/NE Sec. 2, T10S-R23E
Uintah County, UT
ML-47062

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Approximately 0.8 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 5,500' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 16 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. **Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. **Lessee's or Operators's Representative & Certification:**

Debra Domenici
Sr. Administrative Assistant
Westport O&G Co.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7060

Randy Bayne
Drilling Manager
Westport O&G Co.
P.O. Box 1148
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

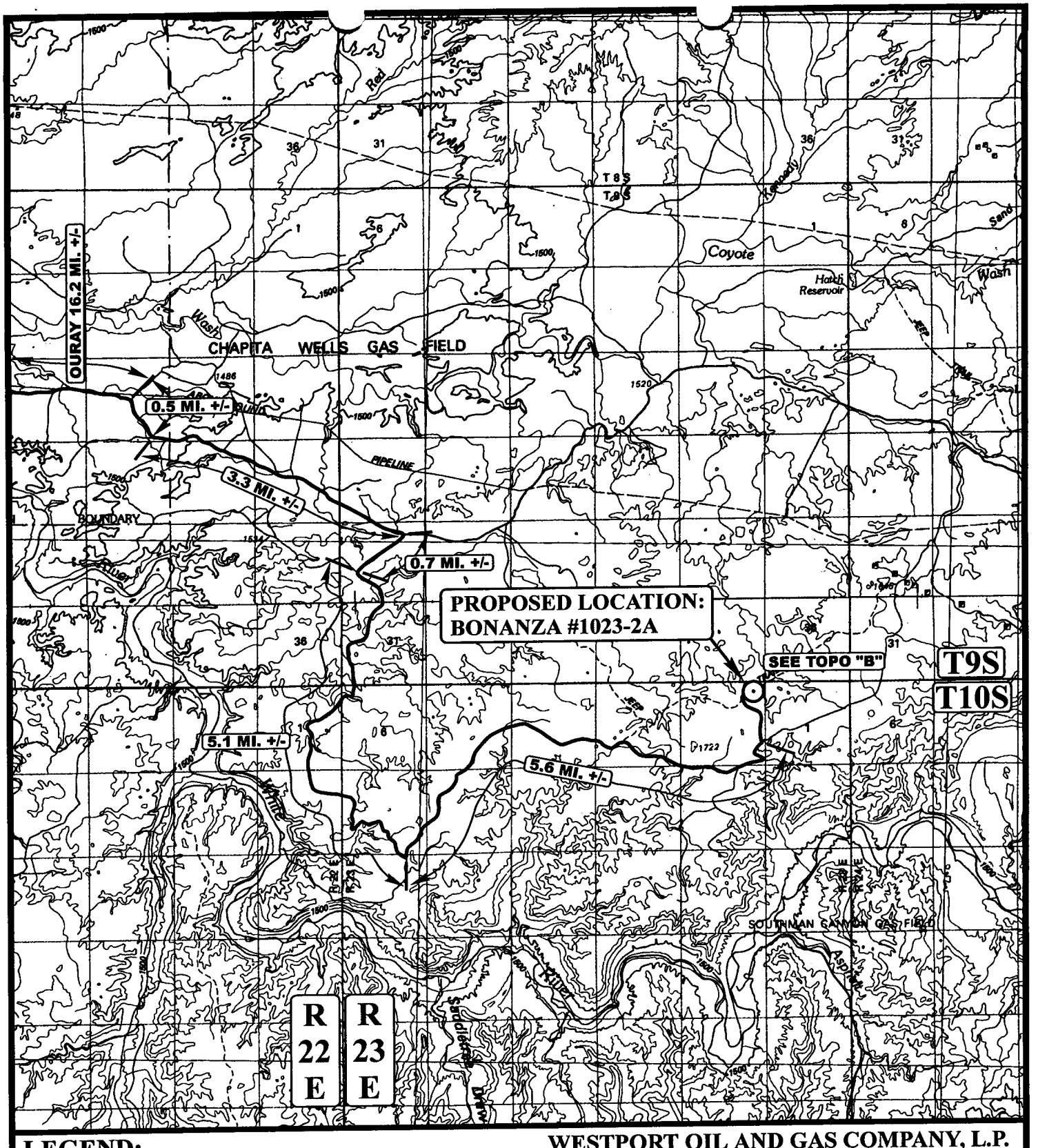
I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici

Debra Domenici

12/9/03

Date



LEGEND:

⊙ PROPOSED LOCATION

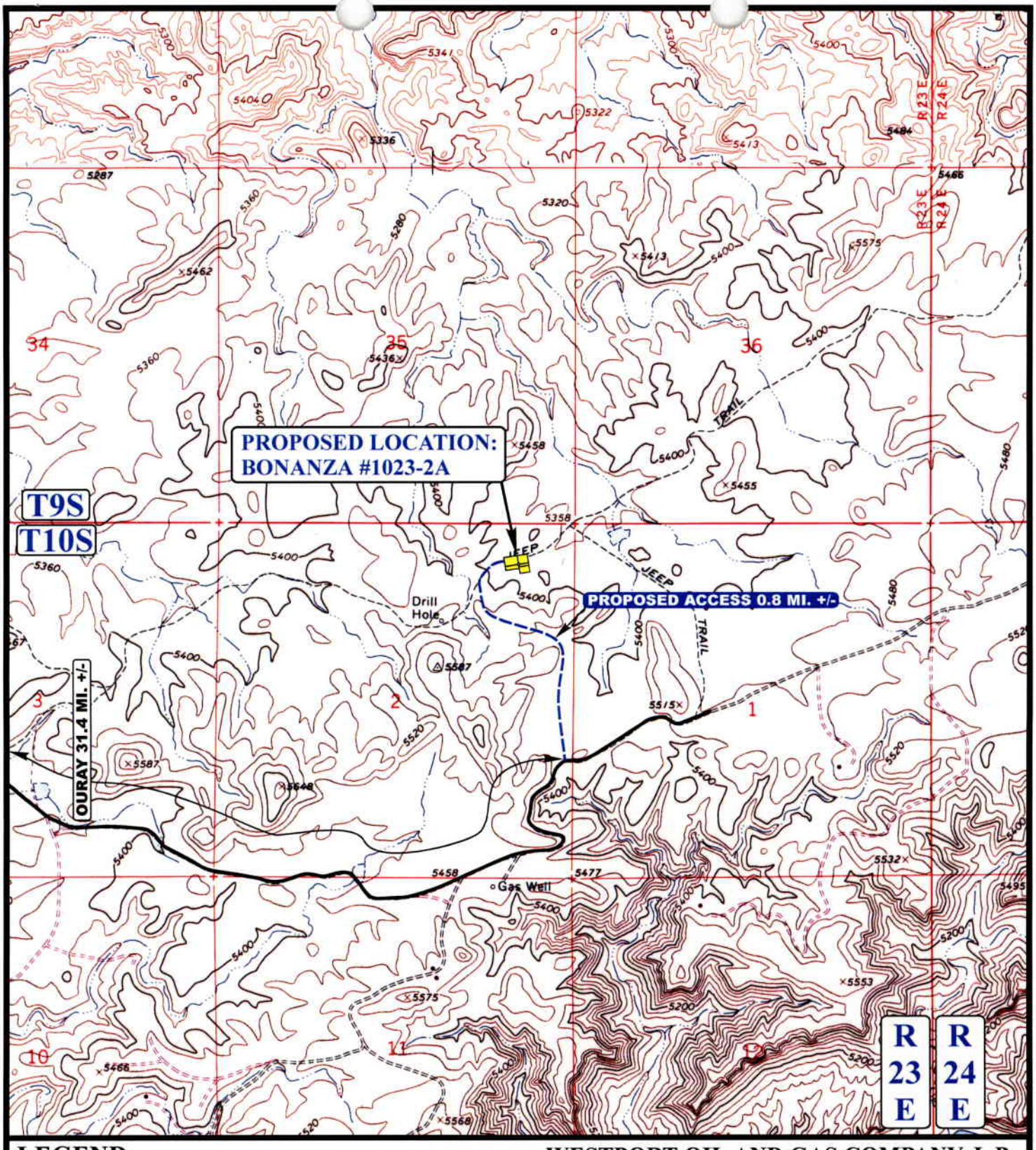
N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 12-02-03	A TOPO



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

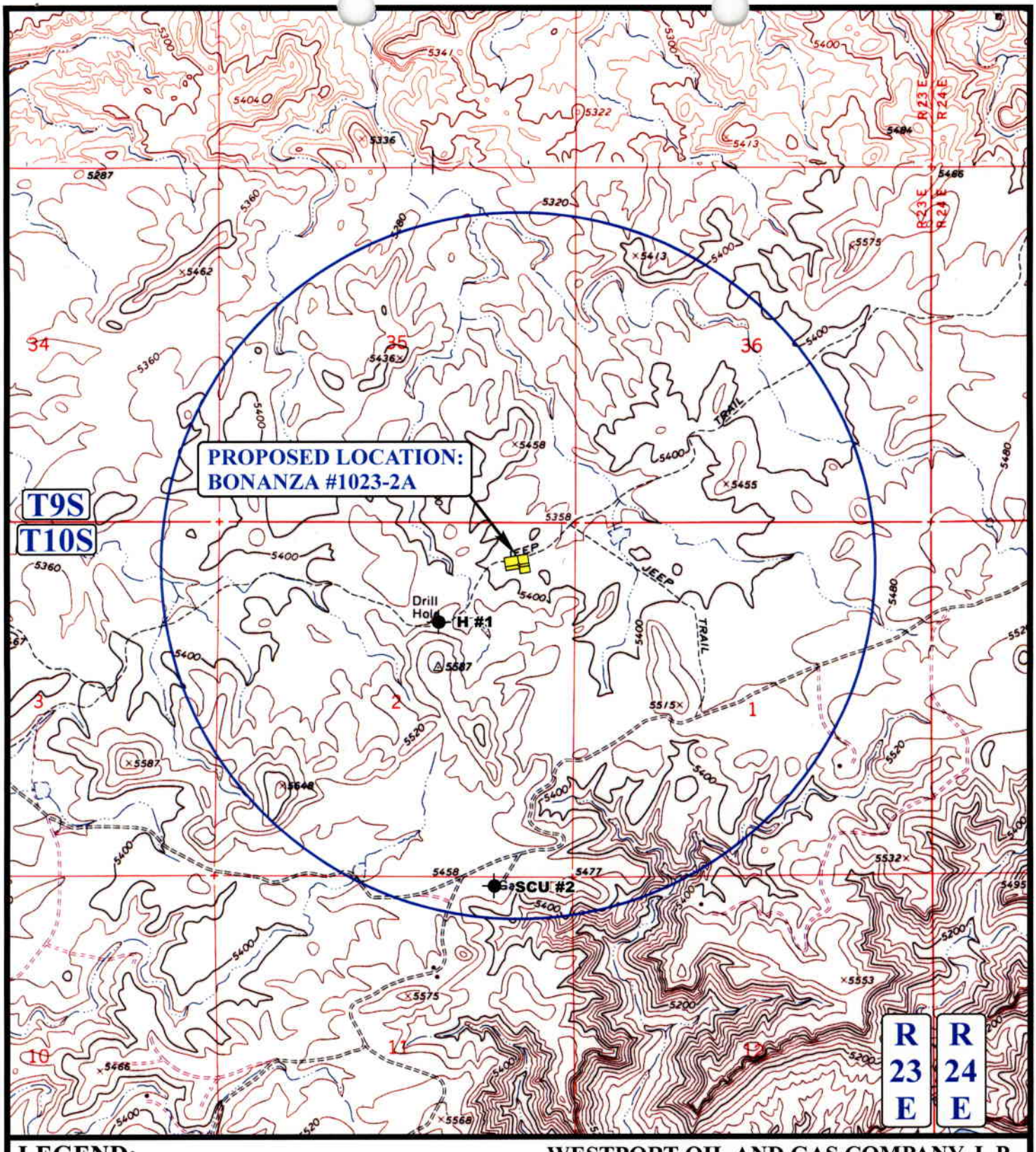
N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 12-02-03		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

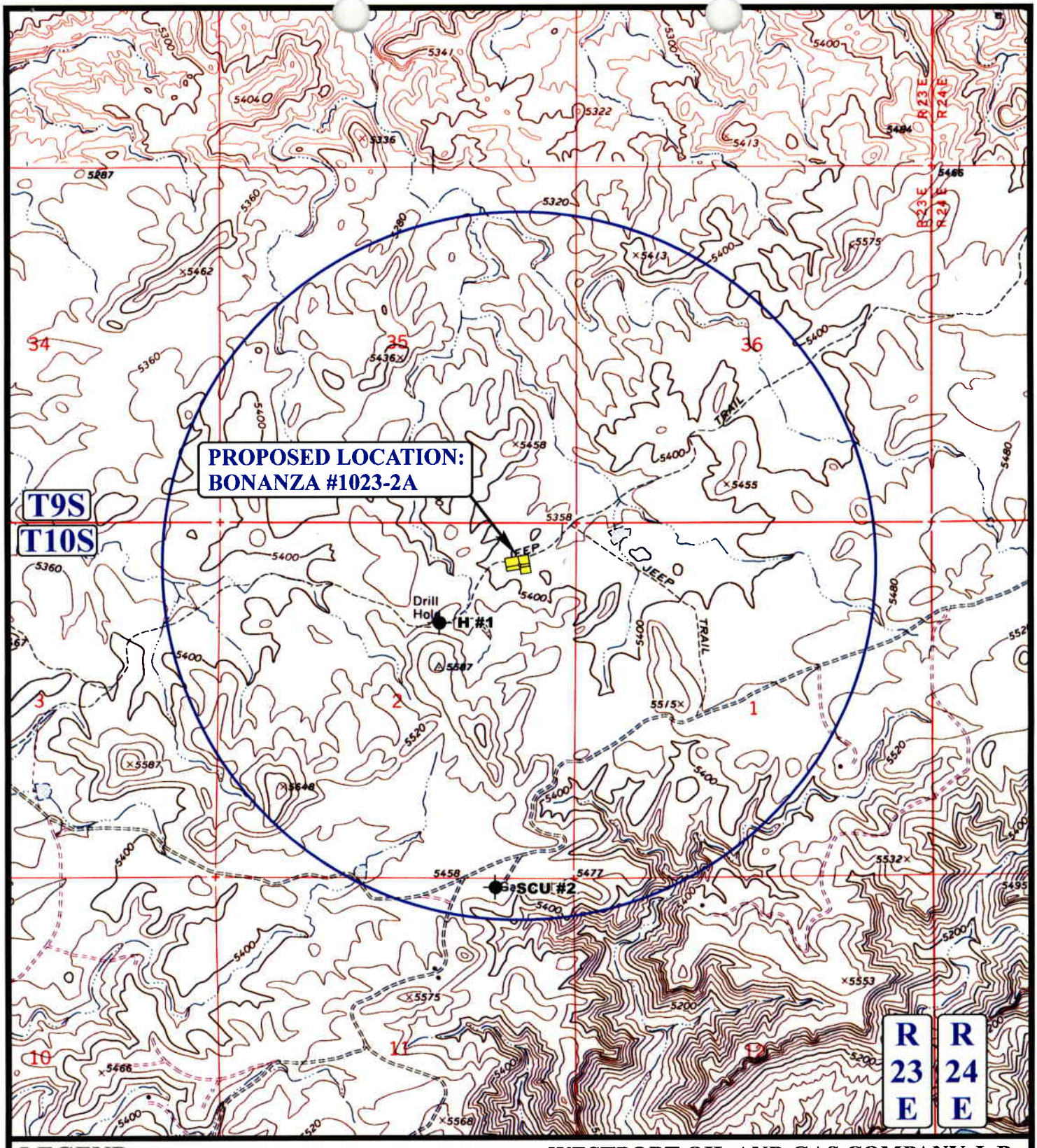
N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

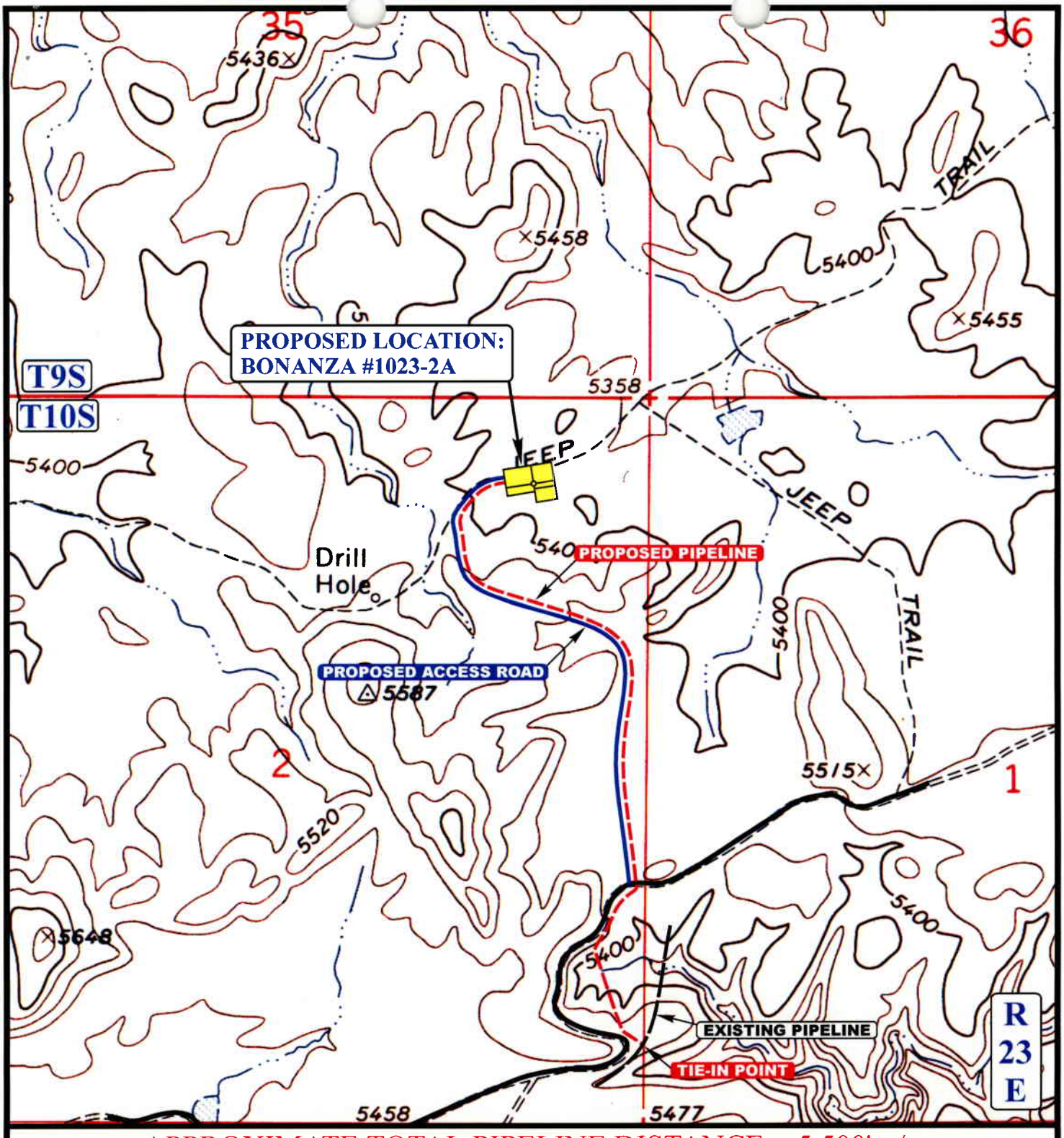
N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 5,500' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

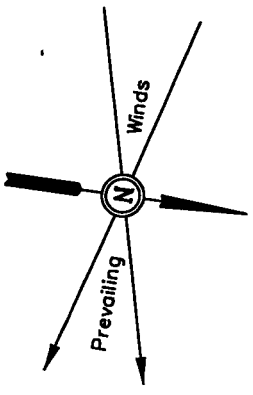
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	23 DAY	03 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: P.M.	REVISED: 12-02-03		

WESTPORT OIL AND GAS COMPANY, L.P.

LOCATION LAYOUT FOR

BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL



SCALE: 1" = 50'
DATE: 10-20-03
Drawn By: D.COX

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

F-0.5'
El. 83.5'
8
Sta. 3+50

C-5.4'
El. 89.4'
6
60'
7
C-3.4'
El. 87.4'

Round Corners as Needed

Approx. Top of Cut Slope

Topsoil Stockpile

200'

Existing Road

Proposed Road Re-Route

Approx. Toe of Fill Slope

PIPE TUBS
PIPE RACKS
CATWALK

Pit Topsoil
FLARE PIT
C-3.0'
El. 87.0'
Blooie Line
5
C-1.8'
El. 85.8'
C
22'
38'
RIG
C-0.5'
El. 84.5'
135'
F-3.3'
El. 80.7'
1
Sta. 1+50

El. 91.6'
C-17.6'
(btm. pit)
B
100'
RESERVE PITS
(10' Deep)
MUD TANKS
DOG HOUSE
TOILET
TRAILER
LIGHT PLANT
BOILER
COMPRESSOR
BOOSTER
PUMP HOUSE
WATER TANK
MUD TANKS
15' WIDE BENCH
150'
Total Pit Capacity
W/2' of Freeboard
= 14,440 Bbls. ±
Total Pit Volume
= 3,920 Cu. Yds.
Sta. 0+15
1 1/2:1 Slope
TRASH
150'
C-1.1'
El. 85.1'
PROPANE STORAGE
35'
3
El. 87.0'
C-13.0'
(btm. pit)
A
4
Reserve Pit Backfill & Spoils Stockpile
F-0.7'
El. 83.3'
Sta. 0+00
2
C-0.6'
El. 84.6'

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5384.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 5384.0'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

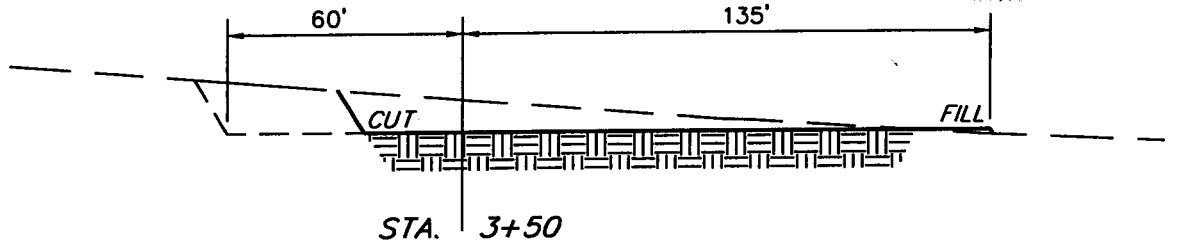
FIGURE #2

TYPICAL CROSS SECTIONS FOR

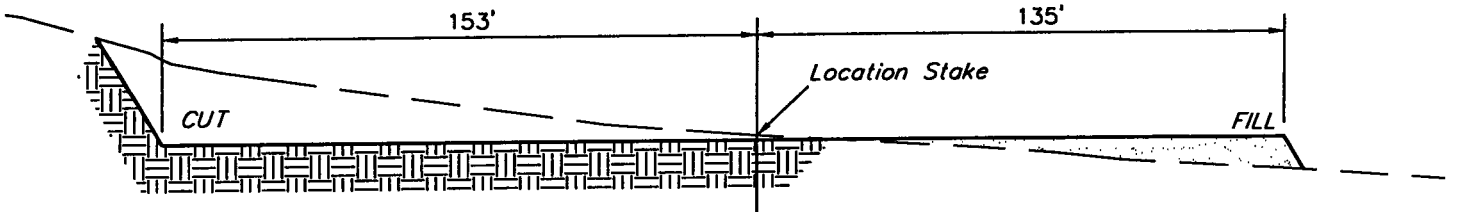
BONANZA #1023-2A
SECTION 2, T10S, R23E, S.L.B.&M.
625' FNL 831' FEL

1" = 20'
X-Section Scale
1" = 50'

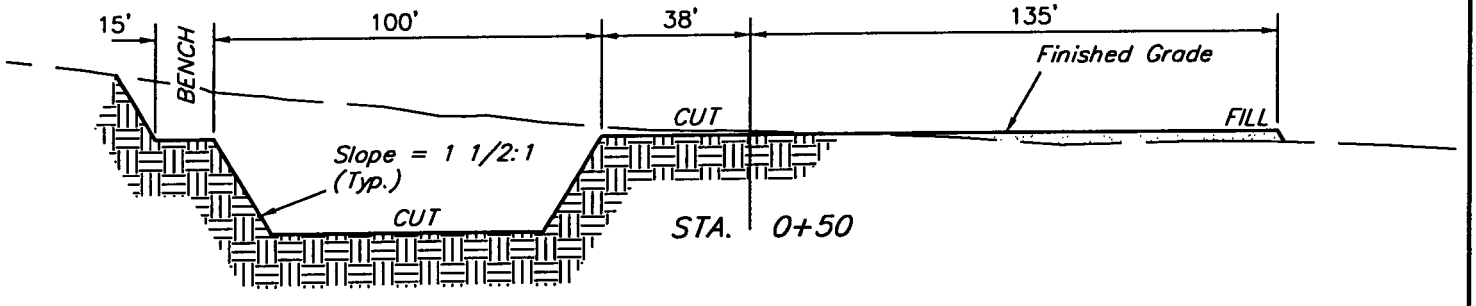
DATE: 10-20-03
Drawn By: D.COX



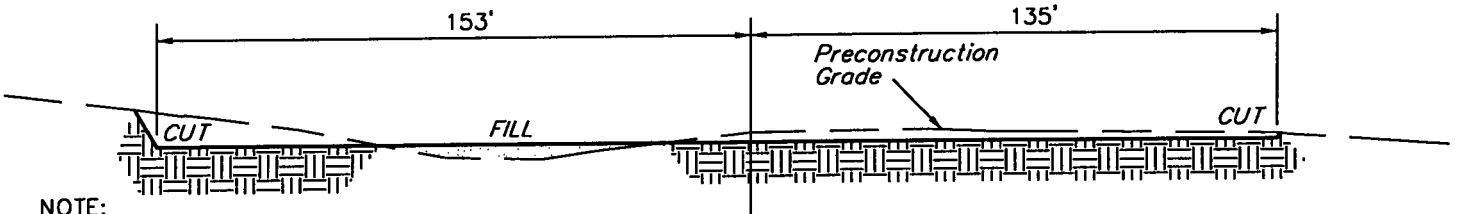
STA. 3+50



STA. 1+50



STA. 0+50



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,590 Cu. Yds.
Remaining Location = 7,770 Cu. Yds.

TOTAL CUT = 9,360 CU.YDS.
FILL = 2,250 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 6,990 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,550 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 3,440 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

CULTURAL RESOURCE INVENTORY OF WESTPORT OIL & GAS COMPANY'S FOUR BONANZA WELL LOCATIONS (1023-2A, 1023-2C, 1023-2E, 1023-2M), TOWNSHIP 10 SOUTH, RANGE 23 EAST, SEC. 1,2,& 11 UINTAH COUNTY, UTAH

Melissa Elkins
and
Keith Montgomery

Prepared For:

State of Utah
School and Institutional Trust Lands Administration
and
Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Westport Oil and Gas Company
1368 South 1200 East
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 03-214

December 4, 2003

United States Department of Interior (FLPMA)
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-1017b,s

ABSTRACT

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) of four proposed Bonanza well locations for Westport Oil and Gas Company in Township 10 South, Range 23 East Sections 1, 2, and 11. The wells are designated Bonanza #1023-2A, #1023-2C, #1023-2E, and #1023-2M. The project area is located southwest of Bonanza, and north of the White River in Uintah County, Utah. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. These four proposed well locations were surveyed by MOAC during a larger block inventory of T10S R23E Section 2 (report pending). However, these four wells were a priority for Westport Oil and Gas Company, so the associated sites are included with this report. This project occurs on State and Institutional Trust Lands Administration (SITLA) and public land administered by the Bureau of Land Management (BLM), Vernal Field Office. A total of 98.9 acres was inventoried. This total includes 77.5 acres which occurs on SITLA land and 21.4 acres of BLM administered land. However, the portions of the survey area on BLM land include the original access/pipeline route for Bonanza #1023-2A and the original pipeline route for Bonanza 1023-2M, which were canceled and re-routed within SITLA lands (Figure 1).

The inventory resulted in the documentation of three new historic sites (42Un3402 through 42Un3404). These sites consist of two temporary camps likely related to sheepherding (42Un3403 and 42Un3404), and a wood post and wire corral with two associated wood piles and a hearth feature (42Un3402). Site 42Un3403 consists of a depleted axe-cut wood pile and associated artifact scatter. A stone tent platform with associated artifacts was recorded at site 42Un3404. Two of the sites are located on BLM administered land (42Un3402 and 42Un3403). The remaining site (42Un3404) occurs on SITLA land. No isolated finds of artifacts were documented.

All three of the newly recorded sites (42Un3402 through 42Un3404) are not recommended eligible to the NRHP. Historic temporary camps are common site types to the area relating to sheepherding and ranching. These sites contain deflated features with minimal integrity, and they are situated on residual soils with little potential for buried cultural material. In summary, all three of these sites do not possess additional research potential beyond the current documentation. During the original block inventory of T10S R23E Section 2 (report pending), an NRHP eligible prehistoric habitation with human remains (temporary site number 03-190-17) was documented. This site is located in the SE1/4, NE1/4, SW1/4 and NE1/4, NE1/4, SW1/4 of Section 2, UTM 645671E/4426270N. It is well avoided by the closest proposed well locations, access roads, and pipeline corridors for this project by 270 to 550 meters (885-1804 ft). Furthermore, none of the new access roads will have a visual of the site. Documentation for site 03-190-17 will be included in an upcoming report for the block inventory. Based on the findings, a determination of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

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INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in October 2003 for Westport Oil and Gas Company's four proposed well locations. These well designations are: Bonanza #1023-2A, #1023-2C, #1023-2E, and #1023-2M. The project area occurs southwest of Bonanza, Utah. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. The project is situated on State of Utah Trust Lands Administration (SITLA), and public land administered by the Bureau of Land Management (BLM), Vernal Field Office.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed between October 4 and 28, 2003 by Keith R. Montgomery (Principal Investigator) assisted by Mark Bond, Kyle Ross, Shari Silverman, and Greg Woodall under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-03-MQ-1017b,s issued to MOAC.

A file search was performed by Melissa Elkins at the Utah State Historic Preservation Office on October 2, 2003. This consultation indicated that no archaeological inventories have been completed in the immediate project area, and no sites have been recorded. To the south of the project area, Nickens and Associates conducted a large inventory in the Seep Ridge Cultural Study Tract in 1981 (Larralde and Chandler 1981). This inventory involved a 10% random sample of 10, 944 acres resulting in 274 40-acre units (Ibid 1981:4). A total of 40 sites and 106 isolated finds of artifacts ranging in time periods from PaleoIndian to European American were documented. Just to the west of the project area, Archeological-Environmental Research Corporation (AERC) conducted cultural resource evaluations of ten proposed well locations resulting in no sites (Hauck 1985).

DESCRIPTION OF PROJECT AREA

The four proposed Westport Oil & Gas Company's well locations, access and pipeline corridors are situated near Southman Canyon, southwest of Bonanza, Utah. The legal description is Township 10 South, Range 23 East, Sections 1, 2, and 11 (Figure 1,Table 1).

Table 1. Westport Oil & Gas Company's Four Well Locations With Legal Location, Access/Pipeline Footages, and Cultural Resources.

Well Location Designation	Legal Location	Access/Pipeline	Cultural Resources
Bonanza #1023-2A	NE/NE T10S R23E S. 1 and 2	*Original* Access/Pipeline: 4460 ft. Access/Pipeline *Reroute*: 4133 ft.	42Un3402, 42Un3403 (Original Access/Pipeline Route - **Canceled**)
Bonanza #1023-2C	NE/NW T10S R23E S. 2	Access/Pipeline: 984 ft.	None
Bonanza #1023-2E	SW/NW T10S R23E S. 2	Access/Pipeline: 1968 ft.	None
Bonanza #1023-2M	SW/SW T10S R23E S. 2 and 11	*Original* Pipeline:1968 ft. Pipeline *Reroute*:3478 ft. Access: 656 ft.	42Un3404 (in 10-acre)

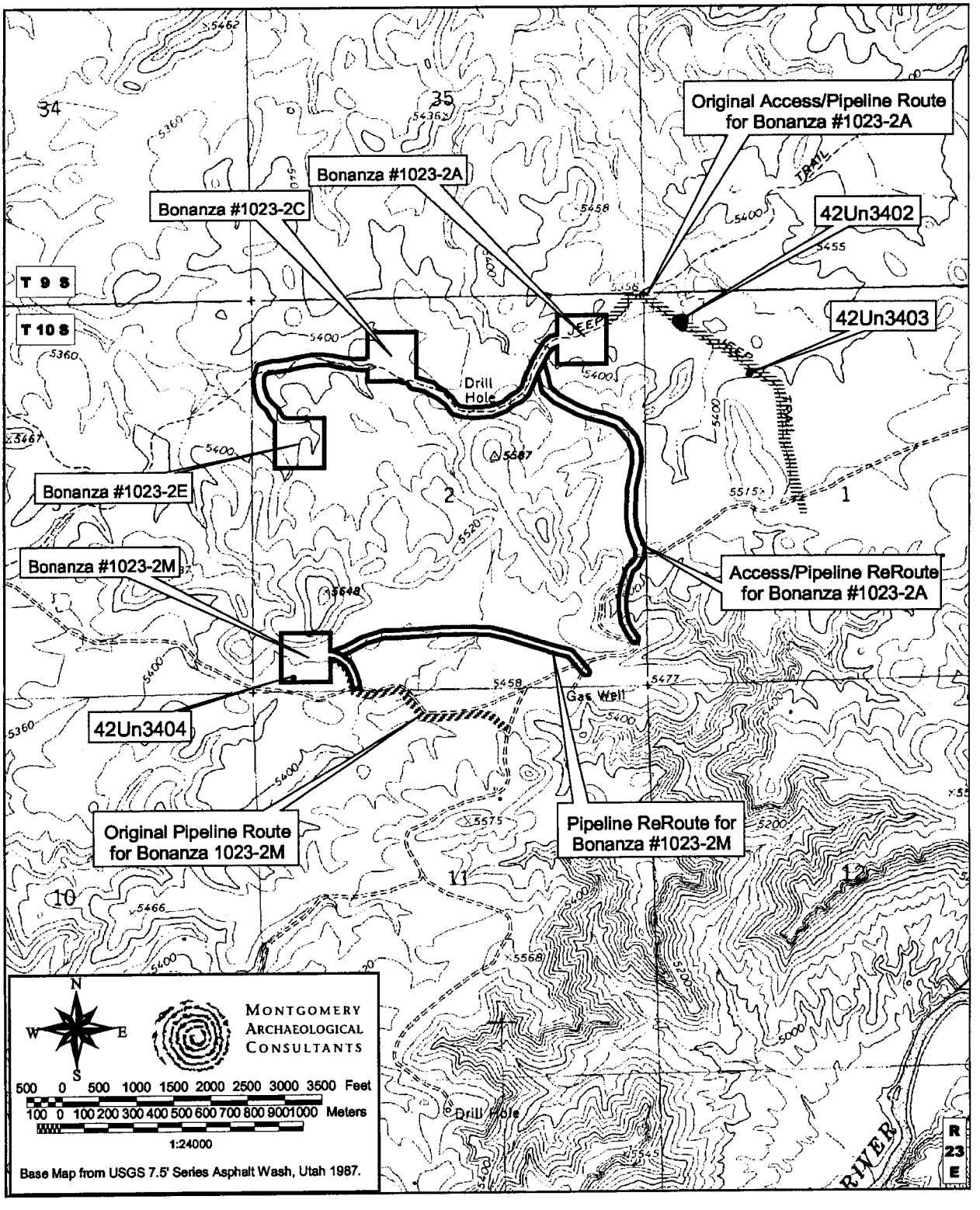

Figure 1. Inventory Area of Westport Oil & Gas Company's Four Well Locations Showing Cultural Resources, Uintah Co., UT.

Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the project area occurs north of the White River and the Southman Canyon Gas Field on the valley floors which are interspersed by flat topped buttes and narrow steep-sided ridges. The area is heavily dissected and carved by ephemeral drainages. Surface geology consists of hard pan residual soil armored with shale and sandstone pebbles. The elevation ranges between 5400 ft and 5648 ft a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and other grasses. Modern disturbances include roads and oil/gas development.

Cultural Overview

The cultural-chronological sequence represented in the area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.), characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca.12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate points (ca. 10,000 B.P. - 7,000 B.P.). Near the project area, a variety of Plano Complex Paleoindian projectile points have been documented, including Goshen, Alberta, and Midland styles (Hauck 1998). No sites with evidence of Folsom lithic technology have previously been documented near the project area. Spangler (1995:332) reports that there are no sealed cultural deposits in association with extinct fauna or with chronologically distinct Paleoindian artifacts in Utah. Specifically in the Uinta Basin, few Paleoindian sites have been adequately documented, and most evidence of Paleoindian exploitation of the area is restricted to isolated projectile points recovered in nonstratigraphic contexts. Copeland and Fike (1998:21) argue that many areas in Utah are conducive to the herding behavior of megafauna, and that there is a high probability that many of the sites in Utah of unknown age are Paleoindian.

The Archaic stage (ca. 8,000 B.P.-1,500 B.P.) is characterized by the dependence on a foraging subsistence, with peoples seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types, and the development of the atlatl, perhaps in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of Early Archaic presence is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000-3000 B.C.) sites in the Basin include sand dune sites and rockshelters primarily clustered in the lower White River drainage (Spangler 1995:373). Early Archaic projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument, and open campsites along the Green River and on the Diamond Mountain

Plateau (Spangler 1995:374). The Middle Archaic (ca. 3000-500 B.C.) is characterized by improved climatic conditions and an increase in human population on the northern Colorado Plateau. Several stratified Middle Archaic sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver and birds). The Late Archaic period (ca. 500 B.C.-A.D. 550) in the Uinta Basin is distinguished by the continuation of Elko Series projectile points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs at the Cockleburr Wash Site (42Un1476) where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. (Tucker 1986). The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek.

The Formative stage (A.D. 500-1300) is recognized in the area as the Uinta Fremont as first defined by Marwitt (1970). This stage is characterized by a reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse structures with randomly placed postholes and off-center firepits, some of which were adobe-rimmed. Traits considered unique or predominate to the Uinta Basin include calcite-tempered pottery, two-handled wide-mouth vessels, Utah type metates, the use of gilsonite for pottery repair, settlement on tops of buttes and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Ute appear to have been hunters and gatherers who exploited various fauna and flora resources. According to macrobotanical and faunal data from dated components, deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Reed 1994:191).

On May 5, 1864 Congress passed a law confirming the 1861 executive order setting up the Uintah Reservation (Burton 1996:24). This treaty provided that the Ute people give up their land in central Utah and move within one year to the Uintah Reservation without compensation for loss of land and independence. The Uinta-ats (later called Tavaputs), PahVant, Tumpanawach, and some Cumumba and Sheberetch of Utah were gathered together at the Uintah agency during the late 1860s and early 1870s to form the Uintah Band (Burton 1996:18-19). In the 1880 treaty council the White River Utes, who had participated in the Meeker Massacre, were forced to sell all their land in Colorado and were moved under armed escort to live on the Uintah Reservation (Callaway, Janetski, and Stewart 1986:339). Shortly thereafter, 361 Uncompahgre Utes were forced to sell their lands, and were relocated to the Ouray Reservation adjacent to the southern boundary of the Uintah Reservation. This area embraced a tract of land to the east and south of

the Uintah Reservation below Ouray lying east of the Green River. A separate Indian Agency was established in 1881 with headquarters at Ouray which was located across the river from where the first military post, Fort Thornburgh was located. The Department of War established Fort Thornburgh along the Green River in 1881 to maintain peace between the settlers of Ashley Valley. The infantry who participated in the relocation of the Colorado Indians ensured that the Uncompahgre and White River Utes remained on the two reservations (Burton 1996:28). In the late 1880s, gilsonite was discovered in the Uintah Basin, and Congress was persuaded to apportion 7,040 acres from the reservation so the mineral could be mined.

The earliest recorded visit by Europeans to Utah was the Dominguez-Escalante expedition, of 1776. From the early 1820s to 1845, the Uinta Basin became an important part of the expanding western fur trade. Homesteading began in 1878 with Thomas Smart, one of the first white settlers to settle east of Ouray. In 1879, about forty cowboys and several large herds of cattle wintered on the White River. The winter of 1879-1880 saw the establishment of a settlement near the White River by several pioneers and their families including Ephraim Ellsworth, the Remingtons, and the Campbells. The person most responsible for organizing a permanent homesteading movement in Ouray Valley was William H. Smart, the brother of Thomas Smart, who became president of the Wasatch LDS Stake in 1901 (Burton 1998). When the Ute reservation was opened to white homesteaders in 1905, Smart organized several exploration trips into the area that later attracted many LDS families.

Initially, livestock was the main industry of white homesteaders in Uintah County. Two factors - free grass and the availability of water - influenced men to move their cattle into the county. Most of the land in the area was part of the public domain and no territory or state could tax it. Cattle were eventually brought up east as far as the Green River and then to the surrounding mountains. Large cattle herds had been coming to Brown's Park from Texas and other eastern areas since the early 1850s. The K Ranch was a large cattle operation owned by P.R. Keiser which brought many cowboys to the area. The ranch was located on the Utah-Colorado line with property in both states. Charley Hill, who came to Ashley Valley as a trapper for the Hudson Bay Company, started a cattle company on Hill Creek and Willow Creek in the Book Cliffs (Burton 1996:109). They later moved out when the government set this section aside for the Ouray Indian Agency. Other prominent men in the cattle industry included A.C. Hatch, Dan Mosby, and James McKee. Cattle rustling became an increasingly large problem as cattle herds grew, and conflict resulted between the small and large cattle companies. In 1912, the Uintah Cattle and Horse Growers Association was organized to protect the livestock industry from thieves and to issue an authorized brand book (Ibid: 110).

The sheep industry later became part of Uintah County's economic backbone, and contributed to the decline of the cattle industry. Sheep were first introduced to the valley during the winter of 1879 when Robert Bodily brought in sixty head (Burton 1996:111). Sheep were able to survive the hard winters much better than cattle. By the mid-1890s, more than 50,000 head of sheep were in the region; and the production of wool became very important. In 1897, C.S. Carter began building shearing corrals. In 1899, 500,000 pounds of wool were shipped from the county and sold for twelve and one-half cents per pound (Ibid:111). In 1906, the Uintah Railway Company built shearing pens on the Green River to encourage the shipping of wool by train; and in 1912, pens were built at Bonanza and Dragon. Beginning in the 1940's Mexican sheep-shearing crews and Greek sheepmen from the Price and Helper areas came into the area. The Taylor Grazing Act was passed in 1934, allotting specific areas or "districts" to stockmen for livestock grazing that required permits. This act was a forerunner of the Bureau of Land Management, which was established in 1946 and eventually assumed responsibility for the administration of grazing laws on public land (Burton 1996:115).

Uintah County is also known for its natural resources. Coal, copper, iron, asphalt, shale, and especially gilsonite, were important to the mining industry. When gilsonite was discovered in the Uinta Basin in the 1880s, Congress was persuaded to apportion 7,040 acres from the Ute reservation so the mineral could be mined. This area became known as "The Strip" and later developed into the townsite of Moffat (later renamed Gusher). Gilsonite is a light-weight lustrous black hydrocarbon mineral that can easily be crushed into a black-brown powder. It can be found in commercial quantities only in the Uinta Basin. The earliest use of the mineral was in buggy paints and beer-vat linings. Today it is used in over a hundred products ranging from printing inks to explosives and automobile body sealer and radiator paint (Burton 1998:343). Mining camps also sprang up near the Colorado line in Bonanza, Dragon, and Watson starting in about 1903. Many immigrants, including Greeks and Chinese, worked in the mines. Bonanza became one of the largest and most modern functioning mining camps in the area beginning in 1921 and reaching its peak in 1937. It was chosen as the Barber gilsonite company headquarters, because it was near the largest deposits of gilsonite in the area. Miners from Dragon, Rainbow, and other neighboring communities were relocated to Bonanza.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The four proposed well locations were surveyed by MOAC during a larger block inventory of T10S R23E Section 2 (report pending). However, these four wells were a priority for Westport Oil and Gas Company, so the associated sites are included with this report. The section was examined for cultural resources by the archaeologists walking parallel transects spaced no more than 10 m (30 ft) apart. The study area for this report includes 10-acre or larger square areas centered on each well pad center stake as well as access and pipeline corridors measuring 100 feet wide when they occurred separately and 150 feet wide when they occurred together. Ground visibility was considered to be good. A total of 98.9 acres was inventoried. This total includes 21.4 acres of BLM administered land and 77.5 acres which occurs on SITLA land. However, the portions of the survey area on BLM land include the original access/pipeline route for Bonanza #1023-2A and the original pipeline route for Bonanza 1023-2M, which were canceled and re-routed within SITLA lands (Figure 1).

Cultural resources were recorded either as archaeological sites or isolated finds of artifacts. An archaeological site was defined as a spatially definable area with features and/or ten or more artifacts. Sites were documented by archaeologists walking transects, spaced no more than 3 meters apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a handheld GEO XT Trimble GPS unit was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum. Archaeological sites were plotted on a 7.5' USGS quadrangle and photographed; site data were entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form. Permanent datums were placed at the sites consisting of a rebar and aluminum cap stamped with the temporary site number.

INVENTORY RESULTS

The four proposed Westport Oil & Gas Company's well locations, access and pipeline corridors resulted in the documentation of three new historic sites (42Un3402 through 42Un3404).

Archaeological Sites

Smithsonian Site No.: 42Un3402
Temporary Site No.: 03-214-2
Land Status: BLM
NRHP Eligibility: Not Eligible
Description: This site is a historic corral and temporary camp located in a wide alluvial wash in between two ridges. The camp consists of the remains of a small woven wire, post, and board corral (Feature 1), a concentration of milled lumber and juniper branches (Feature 2), an axe-cut wood pile (Feature 3) and a hearth (Feature 4). The majority of artifacts are out-of-period such as 12 oz. aluminum beverage cans, glass fragments with trademarks dating from 1945-1971+ and 1957-1970, and sanitary food cans. In-period artifacts include hinged-lid tobacco tins, likely Prince Albert type, dating post 1910. Feature 1 is the remains of a woven wire, post, and wood board corral within a 4 x 4 m area. There are three standing pine and juniper posts and four other fallen posts. Several milled lumber boards appear to be part of a nailed gate, and a 30" long section of woven bailing wire fence is lying on the ground. All of the wood is heavily weathered. Feature 2 is a circular concentration of small weathered lumber pieces measuring 7 to 8 meters in diameter. There are also small juniper branches present. The feature likely represents stored or piled building material, rather than a structure. Feature 3 is a well-defined concentration of axe-cut wood splinters, bark pieces, and branches of juniper and cottonwood. Most of the trunk of a juniper tree is also present. The feature is oval-shaped and measures 14 x 8 meters. Feature 4 is a hearth consisting of eight large stones arranged in a u-shape opening to the west, northwest. The stones measure 10 x 5 x 45 cm to 20 x 30 x 70 cm in size. Several small charcoal pieces were observed in the center of the hearth. A possible stove platform of embedded rock is located on the hearth's north side.

Smithsonian Site No.: 42Un3403
Temporary Site No.: 03-214-1
Land Status: BLM
NRHP Eligibility: Not Eligible
Description: This site is a historic temporary camp located on the gentle slope of an alluvial fan adjacent to a two-track road. The camp consists of a depleted wood pile (Feature 1) and an artifact scatter including clear glass fragments, a Vintner's bottle base with a Hazel-Atlas trademark (1920-1964), hole-in-top milk cans, rectangular food cans, baling wire, a cut wood plank, and three pieces of a leather strap. Diagnostic artifacts include the Hazel-Atlas trademark glass (1920-1964) and hole-in-top evaporated milk cans measuring 3 15/16" tall x 2 15/16" diameter with four embossed rings on each end (1930-1975). Feature 1 (26 ft. diameter) is a depleted wood pile consisting of 100-200 axe-cut wood chips measuring from 2-15 cm long.

Smithsonian Site No.: 42Un3404
Temporary Site No.: 03-190-4
Land Status: SITLA
NRHP Eligibility: Not Eligible
Description: This site is a historic temporary camp located on the bench of a tall ridge at the head of a drainage. The camp consists of a stone tent platform and a small artifact scatter including a 22 rimfire cartridge stamped with "U", one sanitary removable can lid, and one sanitary rectangular

can with unknown opening measuring 4 15/16" tall x 2 15/16" wide. The "U" headstamp on the cartridge likely represents the Utah Ordinance Plant, and dates to World War II. This likely gives the site an occupation date during the early 1940s (U.S. Involvement in WWII began in 1941). The tent platform (Structure 1) consists of a circular alignment (13 ft. diameter) of angular sandstone rocks ranging in size from 4 x 6 x 2 in. to 6 in. x 1.5 ft. x 1.5 ft. The rifle cartridge is located inside Structure 1.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

> The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:
>
> a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
>
> b)...are associated with the lives of persons significant to our past; or
>
> c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
>
> d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory resulted in the documentation of three new historic sites (42Un3402 through 42Un3404), consisting of temporary camps and a corral. Historic temporary camps are common site types to the area relating to sheepherding and ranching. These sites contain deflated features with minimal integrity, and they are situated on residual soils with little potential for buried cultural material. In summary, all three of these sites do not possess additional research potential beyond the current documentation.

MANAGEMENT RECOMMENDATIONS

The cultural resource inventory of Westport Oil & Gas Company's four proposed well locations with access and pipeline corridors resulted in the documentation of three new historic sites, none of which are recommended eligible to the NRHP. Two of the sites are located on BLM administered land (42Un3402 and 42Un3403). The remaining site (42Un3404) occurs on SITLA land. Sites 42Un3402 and 42Un3403 are located within the original access/pipeline route for Bonanza #1023-2A which were canceled and re-routed. Thus, these sites are completely avoided. During the original block inventory of T10S R23E Section 2 (report pending), a NRHP eligible prehistoric habitation site with human remains (temporary site number 03-190-17) was documented. This site is located in the SE1/4, NE1/4, SW1/4 and NE1/4, NE1/4, SW1/4 of Section 2, UTM 645671E/4426270N. It is well avoided by the closest proposed well locations, access roads, and pipeline corridors by 270 to 550 meters (885-1804 ft). Furthermore, none of the new access roads will have a visual of the site. Documentation for site 03-190-17 will be included in an upcoming report for the block inventory. Based on the findings, a determination of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

REFERENCES CITED

Burton, D.K.
1996 *A History of Uintah County. Scratching the Surface.* Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission, Salt Lake City, Utah.

1998 *Settlements of Uintah County, Digging Deeper.* Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission, Salt Lake City, Utah.

Callaway, D., J. Janetski, and O.C. Stewart
1986 Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. Handbook of North American Indians, Volume II: Great Basin, edited by William C. Sturtevant, Smithsonian Institution, Washington.

Copeland, J.M and R.E. Fike
1998 Fluted Projectile Points in Utah. In *Utah Archaeology 1988*, Salt Lake City.

Hauck, F.R.
1985 Cultural Resource Evaluation of Ten Proposed Well Locations in Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Project No. U-84-AF-391.

1998 Cultural Resource Evaluation of 16 Proposed Inland Units in the South Wells Draw, Castle Peak Draw, and Pariette Bench Localities of Uintah and Duchesne Counties Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-98-AF-0166b,s, available at the BLM Vernal Field Office, Vernal Utah.

Holmer, R.
1986 Projectile Points of the Intermountain West. In *Anthropology of the Desert West: Essays in Honor of Jesse D. Jennings*, edited by Carol J. Condie and Don D. Fowler, pp. 89-116. *University of Utah Anthropological Papers* No. 110. Salt Lake City.

Horn, J.C., A. D. Reed, and S. M. Chandler
1994 Grand Resource Area Class I Cultural Resource Inventory. Alpine Archaeological Consultants, Inc. Montrose. Bureau of Land Management, Moab, Utah.

Larralde, S.L. and S.M. Chandler
1981 Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah. Nickens and Associates, Montrose, Colorado. Project No. U-81-NH-590.

Marwitt, J.P.
1970 Median Village and Fremont Culture Regional Variation. *University of Utah Anthropological Papers* No. 95. Salt Lake City.

Reed, A.D.
1994 The Numic Occupation of Western Colorado and Eastern Utah during the Prehistoric and Protohistoric Periods. In *Across the West: Human Population Movement and the Expansion of the Numa*, edited by D.B. Madsen and D. Rhode. University of Utah Press.

Shields, W.F.
1970 The Fremont Culture in the Uinta Basin. Paper presented at the Fremont Culture Symposium, 35th Annual Meeting of the Society for American Archaeology, Mexico City.

Spangler, J.D.
1995 Paradigms and Perspectives, A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau, Volume II. Uinta Research, Salt Lake City, Utah.

Stokes, W.L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

Tucker, G.C. Jr.
1986 Results of Archaeological Investigations Along the Chevron CO-2/PO-4 Pipelines in Northeastern Utah and Northwestern Colorado. Manuscript on file, Bureau of Land Management, Vernal, Utah.

APPENDIX A:

INTERMOUNTAIN ANTIQUITY COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORMS
(42Un3402 through 42Un3404)

On File At:

Bureau of Land Management
Vernal Field Office,
State and Institutional Trust Lands Administration (SITLA),
and
Division of State History
Salt Lake City, UT

006

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR WESTPORT O & G CO., L.P.
ADDRESS ~~P.O. BOX 1148~~
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	2900	43-047-35106	NBU 921-13M	SWSW	13	9S	21E	UINTAH	2/22/2004	3/3/04

K

WELL 1 COMMENTS:
MIRU BILL JR RIG #3 MVRD
WELL SPUD ON 2/22/04 @ 2300 HRS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	14068	43-047-35347	BONANZA 1023-2A	NENE	2	10S	23E	UINTAH	2/25/2004	3/3/04

K

C

WELL 2 COMMENTS:
MIRU BILL JR SURFACE RIG MVRD
WELL SPUD ON 2/25/04 @ 1100 HRS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well
C - Re-assign well from one existing entity to another
D - Re-assign well from one existing entity to a new
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action

(3/89)

Post-it® Fax Note 7671 | Date | # of pages ▶
To Eelene Russell | From
Co./Dept. DOGM | Co.
Phone # (801)538-5336 | Phone #
Fax # (801)359-3940 | Fax #

Signature

SR ADMINISTRATIVE ASST 02/27/04
Title Date

Phone No. (435)781-7024

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Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

007

6. Lease Designation and Serial Number: ML-47062	
7. Indian Allottee or Tribe Name:	
8. Unit or Communitization Agreement:	

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)	9. Well Name and Number: BONANZA 1023-2A
2. Name of Operator: WESTPORT OIL & GAS COMPANY, L.P.	10. API Well Number: 43-047-35347
3. Address of Operator: 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	4. Telephone Number: 435-781-7060 / 11. Field and Pool, or Wildcat: NATURAL BUTTES
5. Location of Well: Footage : 625' FNL 831' FEL; QQ, Sec, T., R., M : NENE SEC 2-T10S-R23E	County : UINTAH; State : UTAH

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate Date Work Will Start: _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [X] Other WELL SPUD
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of Work Completion: 2/29/04

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RIG UP BILL JR SURFACE RIG. SPUD WELL 2/25/04 @ 1100 HR. DRILL 12 1/4" HOLE. RUN 41 JTS 9 5/8" CASING 32.3#. R/U BIG 4 CEMENTER. PUMP 125 SKS PREM CMT 15.6 PPG YIELD 1.18 CU FT/SX PLUS 2% CACL AND .25 PPS FLOCELE. FLOAT HELD. PUMP 100 SKS PREM CMT 15.6 PPG YIELD 1.18 CU FT/SX PLUS 2% CACL AND .25 PPS FLOCELE. WOC. PUMP TOTAL 5 TOP JOBS: 100 SK, 450 SK, 225 SK, 225 SK, 60 SK ALL AT 15.6 PPG YIELD 1.18 CU FT/SX PLUS 2% CACL AND .25 PPS FLOCELE. TOTAL FOR WELL 1185 SK.

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MAR 0 9 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature: DEBRA DOMENICI Debra Domenici Title: SR ADMIN ASSIST Date: 03/01/04

(State Use Only)

(8/90)

See Instructions on Reverse Side

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

008

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals	6. Lease Designation and Serial Number: ML-47062 7. Indian Allottee or Tribe Name: 8. Unit or Communitization Agreement:
1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)	9. Well Name and Number: **BONANZA 1023-2A**
2. Name of Operator: WESTPORT OIL & GAS COMPANY L.P.	10. API Well Number: 43-047-35347
3. Address of Operator: 1368 SOUTH 1200 EAST VERNAL, UTAH 84078 4. Telephone Number: (435) 781-7024	11. Field and Pool, or Wildcat: BONANZA
5. Location of Well Footage : 625'FNL & 831'FEL QQ, Sec, T., R., M : NENE SECTION 2-T10S-R23E	County : UINTAH State : UTAH

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other DRILLING OPERATIONS	
[ ] Other _____			
Approximate Date Work Will Start _____		Date of Work Completion 4/21/04	

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

FINISHED DRILLING FROM 1835' TO 8170'. RAN 4 1/2" 11.6# I-80 LTC CSG.
CMT W/20 SX SCAVENGER CMT @9.5 PPG 8.44 YIELD TAILED W/330 SX PREM LITE II @11.0 PPG 3.38 YIELD FOLLOWED BY 1570 SX 50/50 POZ @14.3 PPG 1.31 YIELD.

RELEASE CAZA 82 RIG ON 4/21/04 AT 1900 HRS.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchego Title Regulatory Analyst Date 04/22/04

(State Use Only)

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(8/90) See Instructions on Reverse Side

Form 9

009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: ML-47062
7. Indian Allottee or Tribe Name:
8. Unit or Communitization Agreement:
9. Well Name and Number: BONANZA 1023-2A
10. API Well Number: 43-047-35347
11. Field and Pool, or Wildcat: NATURAL BUTTES

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT – for such proposals

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)

2. Name of Operator: WESTPORT OIL & GAS COMPANY, L.P.

3. Address of Operator: 1368 SOUTH 1200 EAST, VERNAL, UT 84078

4. Telephone Number: 435-781-7044

5. Location of Well
Footage : 625' FNL, 831' FEL
QQ, Sec, T., R., M : NENE, SECTION 2, T10S, R23E
County : UINTAH
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate Date Work Will Start: _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [X] Other DOFP
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of Work Completion: _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE SUBJECT WELL WAS PLACED ON SALES @ 11:00 AM, 5/7/04. REFER TO THE ATTACHED CHRONOLOCIAL & COMPLETION HISTORY REPORT.

14. I hereby certify that the foregoing is true and correct.

Name & Signature: RALEEN SEARLE Raleen Searle Title: REGULATORY ADMIN Date: 05/10/04

(State Use Only)

RECEIVED
MAY 11 2004
DIV. OF OIL, GAS & MINING

(8/90) See Instructions on Reverse Side

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

BONANZA 1023-2A

	SPUD	Surface Casing	Activity	Status
1/8/04			Build Location, 10% Complete	
1/9/04			Build Location, 10% Complete	Caza 82
1/12/04			Build Location, 50% Complete	Caza 82
1/13/04			Build Location, 55% Complete	Caza 82
1/14/04			Build Location, 60% Complete	Caza 82
1/15/04			Build Location, 65% Complete	Caza 82
1/16/04			Build Location, 65% Complete	Caza 82
1/19/04			Build Location, 65% Complete	Caza 82
1/20/04			Build Location, 65% Complete	Caza 82
1/21/04			Build Location, 85% Complete	Caza 82
1/22/04			Build Location, 90% Complete	Caza 82
1/23/04			Build Location, 95% Complete	Caza 82
1/26/04			Build Location, 100% Complete	Caza 82
1/27/04			Build Location, 100% Complete	Caza 82
1/28/04			Build Location, 100% Complete	Caza 82
1/29/04			Build Location, 100% Complete	Caza 82
1/30/04			Build Location, 100% Complete	Caza 82
2/2/04			Build Location, 100% Complete	Caza 82
2/3/04			Build Location, 100% Complete	Caza 82
2/4/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/5/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/6/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/9/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/10/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/11/04		14" @ 40'	Location Complete. WOAR	Caza 82

2/20/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/23/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/24/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/25/04		14" @ 40'	Location Complete. WOAR	Caza 82
2/26/04	2/25/04		pud w/Air Rig. DA @ 1175'	Caza 82
2/27/04	2/25/04		Spud w/Air Rig. DA @ 1635'	Caza 82
3/1/04	2/25/04	9 5/8" @ 1790'	Drill to 1800'. Set 9 5/8" csg	WOTR Caza 82
3/2/04	2/25/04	9 5/8" @ 1790'	Drill to 1800'. Set 9 5/8" csg	WORT Caza 82
3/3/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/4/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/5/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/8/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/9/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/10/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/11/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/12/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/15/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/16/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/17/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/18/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/19/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/22/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/23/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/24/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/25/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/26/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/29/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/30/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
3/31/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82
4/1/04	2/25/04	9 5/8" @ 1790'		WORTCaza 82

from 1835'-3583'. DA @ report time.

4/13/04

TD: 5271' Csg. 9 5/8" @ 1792' MW: 8.4 SD: 4/11/04 DSS: 2
Drill from 3583'-5271'. DA @ report time.

4/14/04

TD: 6232' Csg. 9 5/8" @ 1792' MW: 8.4 SD: 4/11/04 DSS: 3
Drill from 5271'-6232'. DA @ report time.

4/15/04

TD: 6945' Csg. 9 5/8" @ 1792' MW: 8.4 SD: 4/11/04 DSS: 4
Drill from 6232'-6945'. Circ bottoms up for bit trip @ report time.

4/16/04

TD: 7005' Csg. 9 5/8" @ 1792' MW: 9.2 SD: 4/11/04 DSS: 5
TOOH. Hole tight. Worked tight hole and raised MW to 9.2. Finish TOOH. Changed bit and checked motor. TIH. Drill from 6945'-7005'. DA @ report time.

4/19/04

TD: 8170' Csg. 9 5/8" @ 1792' MW: 10.0 SD: 4/11/04 DSS: 8
Drill from 7005'-8170'. CCH to prep for logs @ report time.

4/20/04

TD: 8170' Csg. 9 5/8" @ 1792' MW: 10.4 SD: 4/11/04 DSS: 9
CCH and short tripped. TOOH. RU loggers and run triple combo. WLTD at 8169'. Running formation tester for disposal zone water analysis @ report time.

4/21/04

TD: 8170' Csg. 9 5/8" @ 1792' MW: 10.4 SD: 4/11/04 DSS: 10
Finished formation test. Wait on orders from Denver. RD loggers. TIH to CCH for casing. Circ gas out. LDDP and DC. Running 4 1/2" casing @ report time.

4/22/04

TD: 8170' Csg. 9 5/8" @ 1792' MW: 10.4 SD: 4/11/04 DSS: 11
Finished running 4 1/2" casing. Circulate out gas and cement 4 1/2" casing. Set slips and cut casing. Released rig @ 1900 hrs on 4/21/04. Move rig to 1023-2C @ report time.

4/30/04 HELD SAFETY MEETING. RD RIG & EQUIP. RDMO BONANZA 1023-7L. ROAD RIG TO BONANZA 1023-2A. MIRU, SPOT EQUIP. NDWH. NUBOP. RU FLOOR & TBG EQUIP. PU & RIH W/ 3 7/8" MILL & 253 JTS NEW 2 3/8" J-55 TBG. (SLM) TBG WAS DRIFTED. TAG PBTD @ 8120'. REV CIRC WELL CLEAN W/ 120 BBLS 2% KCL WATER. POOH. LD 53 JTS ON FLOAT. EOT @ 6430'.

5/3/04 H.S.M PERFORATING. EOT @ 6430'. FINISH P.O.O.H. STDG BACK 2-3/8" J-55 TBG. L/D MILL. RD FLOOR & TBG EQUIP. NDBOP, N/U (2) 4-1/16" X 10K FRAC VALVES. R/U RIG PUMP. P.T. 4-1/2" CSG & FRAC VALVES TO 500# & 5000#. HELD GOOD. MIRU CUTTERS. RIH W/ PERF GUNS & PERF THE M.V. @ 7718'-7722' & 7817'-7825' USING 3-3/8" EXP GUNS, 23 GM, 0.35. 180* PHASING, 2 SPF, (24 HLS) P.O.O.H. RDMO CUTTERS. PREP TO FRAC W/ BJ ON MONDAY 5/3/04.3 PM SWI-SDF-WE.

5/4/04 RIG CREW HELD SAFETY MEETING W/ BJ AND TESTED LINES @ 10,000#.
STAGE 1: BRK DN PERF @ 2977#, PMP 37 BBLS @ 16 BPM @ 3350#, ISIP: 2250# FG: .72. PMP 958 BBLS LIGHTNING 18 AND 95,515# 20/40 MESH. ISIP: 2650#, FG: .77, NPI: 400#. RU CUTTERS.
STAGE 2: RIH W/ 5K CBP & PERF GUNS TO 7650', SET CBP. PUH. PERF 7622' - 7614', 2 SPF (16 HOLES) AND 7490'-7482' 2 SPF (16 HOLES). POOH. BRK DN PERF @ 3399. PMP 58 BBLS KCL @ 4150# @ 26.2 BPM, ISIP: 2600#, FG: .78. PMP 2125 BBLS LIGHTNING 18 AND 285,329# 20/40 MESH. ISIP: 4500#, FG: 1.03, NPI: 1900#.
STAGE 3: RIH W/ 5K CBP TO 7380', SET CBP. PUH. PERF 7332'-7342', 2 SPF (20 HOLES). PUH. PERF 7248'-7252', 2 SPF (8 HOLES) BRK DN PERF @ 3719#. PMP 54 BBLS KCL @

STAGE 5: RIH W/ 4-1/2" 5K BAKER CBP & PERF GUNS. SET CBP @ 6850'. PERF THE MV @ 6540'-6550' USING 3-3/8" EXP GUNS, 23 GRAM CHARGES, 0.35, 180 DEG PHASING, 2 SPF, (20 HLS) WHP: 90#. BRK DN PERFS @ 2678 @ 4 BPM. PMP'D 37 BBLS 2% KCL @ 2815 @ 20 BPM. ISIP: 1800#, FG: .71. PMP'D 729 BBLS LIGHNING 16 GEL & 87,592# 20/40 MESH SD. ISIP: 3650#, FG: .99, NPI: 1850#, MTP: 3902#, MTR: 21.3 BPM, ATP: 2885#, ATR: 20.6 BPM. ZONE WANTING TO SCREEN OUT. GOT FLUSHED OK. TOTAL SD: 749,753# & TOTAL FLU: 6,397 BBLS. RIH W/ 4-1/2" 5K BAKER CBP & SET @ 6400'. POOH. RDMO CUTTERS & BJ. ND FRAC VALVES, NUBOP, RU FLOOR & TBG EQUIP. RIH W/ 3-7/8" MILL TOOTH BIT, POBS W/ "R" NIPPLE & 199 JTS NEW 2-3/8" J-55 TBG. EOT @ 6385'. RU SWVL. PREP TO DRILL OUT (5) CBP'S IN AM. 4:00 PM SWI-SDFN.

5/6/04

HELD SAFETY MEETING. DRLG EQUIP. EOT @ 6385'. EST CIRC W/ 2% KCL WTR W/ RIG PMP.
DRLG CBP #1 @ 6400'. DRILL OUT 5K BAKER CBP IN 7 MIN. 400# DIFF, RIH, TAG SD @ 6744', CO 106' SD.
DRLG CBP #2 @ 6850'. DRILL OUT 5K BAKER CBP IN 4 MIN. 300# DIFF. RIH, TAG SD @ 7110'. CO 30' SD.
DRLG CBP #3 @ 7140'. DRILL OUT 5K BAKER CBP IN 6 MIN. 50# DIFF. RIH, TAG SD @ 7342'. CO 38' SD.
DRLG CBP #4 @ 7380'. DRILL OUT 5K BAKER CBP IN 6 MIN. 900# DIFF. RIH, TAG SD @ 7625'. CO 25' SD.
DRLG CBP #5 @ 7650'. DRILL OUT 5K BAKER CBP IN 7 MIN. 200# DIFF. RIH, TAG SD @ 7988'. CO 132' SD TO PBTD @ 8120' CIRC WELL CLEAN. RD SWVL. POOH & LD 29 JTS ON FLOAT. LAND TBG ON HANGER W/ 224 JTS NEW 2-3/8" J-55 TBG. RD FLOOR & TBG EQUIP. NDBOP, NUWH, DROP BALL & PMP OFF THE BIT @ 2200#. EOT @ 7210.53', R NIPPLE @ 7209.11'. ORIGINAL LTR: 6397 BBLS. AVG 6 MIN/PLUG & CO 331' SD. FLOW WELL BACK TO PIT ON OPEN CHOKE. FTP: 100#, SICP: 575#. 2:00 PM TURN WELL OVER TO FLOW BACK CREW. RD RIG, RACK EQUIP.
FLOW BACK REPORT: CP: 925#, TP: 125#, 64/64" CHK, 40 BWPH, 18 HRS, SD: TRACE, APPROX MCFD: 3453, CORRECTED MCFD 0.38: 1312 MCFD, TTL BBLS FLWD: 980, 1610 BBLS HAULED. TODAY'S LTR: 6397 BBLS, LOAD REC TODAY: 2590 BBLS, REMAINING LTR: 3807 BBLS, TOTAL LOAD REC TO DATE: 2590 BBLS.

5/7/04

WELL ON FLOW BACK.
FLOW BACK REPORT: CP: 1000#, TP: 350#, 32/64" CHK, 10 BWPH, 24 HRS, SD: CLEAN, APPROX MCFD: 2191, CORRECTED MCFD 0.38: 832.58, TTL BBLS FLWD: 350, TODAY'S LTR: 3807 BBLS, LOAD REC TODAY: 350 BBLS, REMAINING LTR: 3457 BBLS, TOTAL LOAD REC TO DATE: 2940 BBLS.
315

5/10/04

WELL WENT ON SALES 4/7/04, 11:00 AM, 1200 MCF, 26/64" CHK, SICP: 1000#, FTP: 600#, 10 BWPH.

ON SALES
5/6/04: TP: 600#, CP: 1000#, 26/64" CHK.
5/7/04: 624 MCF, 0 BC, 360 BW, TP: 353#, CP: 894#, 26/64" CHK, 16 HRS, LP: 23#.
5/8/04: 735 MCF, 0 BC, 340 BW, TP: 316#, CP: 789#, 16/64" CHK, 24 HRS, LP: 199#.

FORM 8

010

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ML-47062

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME, WELL NO.: BONANZA

2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.

9. WELL NO.: 1023-2A

3. ADDRESS AND TELEPHONE NO.: 1368 SOUTH 1200 EAST VERNAL, UTAH 84078 (435) 781-7024

10. FIELD AND POOL OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements)

At Surface: NENE 625'FNL & 831'FEL

At top prod. Interval reported below

At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SECTION 2-T10S-R23E

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-047-35347	12/10/03	UINTAH	UTAH

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod. or Plug &	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2/25/04	4/19/04	5/7/04	5385'GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL.,	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
MD 8170' TVD	TD MD 8123' TVD	HOW MANY	DRILLED BY ------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD): MESAVERDE: 7718'-7825'; 7482'-7622'; 7342'-7248'; 7100'-7110'; 6540'-6550'

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: HRI/GR/CAL/BHC GR-CBL, COMP-2 DEN/CN/GR/CAL, HDI/COM-2 DEN

27. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)
DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	1800'	12 1/4"	1285 SX PREM	
4 1/2"	11.6#	8170'	7 7/8"	1920 SX SCAVENGER - 230 SX	
				PREM LITE II - 330 SX	
				50/50 POZ - 1590 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7211'	

31. PERFORATION RECORD (Interval, size and number)

7718'-7825' 24 HOLES
7482'-7692' 32 HOLES
7342'-7248' 18 HOLES
7100'-7110' 20 HOLES
6540'-6550 20 HOLES

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ADDITIONAL PAGE	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
5/7/04	FLOWING	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ---->	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
5/13/04	24	27/64		0	536	180	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ---->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
213#	573#		0	536	180	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): SOLD

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS

RECEIVED
MAY 27 2004
DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED SHEILA UPCHEGO TITLE REGULATORY ANALYST DATE 5/24/2004

See Spaces for Addition Data on Reverse Side

(3/89)

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.
ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.
WASATCH	4073'	6284'	
MESAVERDE	6284'		

38. GEOLOGIC MARKERS

Name	Top	
	Meas. Depth	True Vert. Depth

Form 8
Additional Page For Comments WELL COMPLETION OR RECOMPLETION REPORT AND LOG

ML-47062
Lease Serial No.

BONANZA 1023-2A
625'FNL & 831'FEL
API #43-047-35347
NENE SEC. 2-T10S-R23E

ITEM# 25, 26 & 27

INTERVAL	**SIZE**	**NUMBER**
MESAVERDE		
7718'-7825'		24 HOLES
7482'-7622'		32 HOLES
7342'-7248'		28 HOLES
7100'-7110'		20 HOLES
6540'-6550'		20 HOLES

DEPTH INTERVAL	**AMOUNT & KIND OF MATERIAL**
MESAVERDE	
7718'-7825'	PMP 958 BBLS LIGHTNING 18 GEL & 95,515# 20/40 MESH SD
7482'-7622'	PMP 2125 BBLS LIGHTNING 18 GEL & 285,329# 20/40 MESH SD
7342'-7248'	PMP 1287 BBLS LIGHTNING 18 GEL & 19,111# 20/40 MESH SD (LEFT 5824# OF 20/40 MESH SD IN CASING)
7100'-7110'	PMP 1298 BBLS LIGHTNING 18 GEL & 162,206# 20/40 MESH SD
6540'-6550'	PMP 729 BBLS LIGHTNING 16 GEL & 87,592# 20/40 MESH SD

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number	MULTIPLE WELLS- SEE ATTACHED
7. Indian Allottee or Tribe Name	
8. Unit or Communitization Agreement	MULTIPLE WELLS- SEE ATTACHED
9. Well Name and Number	MULTIPLE WELLS- SEE ATTACHED
10. API Well Number	MULTIPLE WELLS- SEE ATTACHED
11. Field and Pool, or Wildcat	MULTIPLE WELLS- SEE ATTACHED

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT – for such proposals

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)
2. Name of Operator: WESTPORT OIL & GAS COMPANY, L.P.
3. Address of Operator: 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078
4. Telephone Number: 435-781-7060
5. Location of Well
   Footage : MULTIPLE WELLS- SEE ATTACHED
   QQ, Sec, T., R., M : MULTIPLE WELLS- SEE ATTACHED
   County : UINTAH
   State : UTAH

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other VARIANCE			

Approximate Date Work Will Start: _____

Date of Work Completion: _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves andother devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

COPY SENT TO OPERATOR
Date: 7-16-04
Initials: CHD

14. I hereby certify that the foregoing is true and correct.

Name & Signature: Debra Domenici Title: Environmental Assistant Date: 07/12/04

(State Use Only)

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 7/15/04
By:

Federal Approval Of This
Action Is Necessary

RECEIVED
JUL 14 2004
DIV. OF OIL, GAS & MINING

(8/90) See Instructions on Reverse Side

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
ARCHY BENCH STATE 1-2	NENE SEC 2, T11S, R22E	ML22348A		4304731489
BAYLESS STATE 02-01	SWSE SEC 2, T9S, R20E	ML47044		4304734540
BONANZA 1023-2A	**NENE SEC. 2, T10S, R23E**	**ML47062**		**4304735347**
BONANZA 1023-2C	NENW SEC. 2, T10S, R23E	ML47062		4304735346
BONANZA 1023-2E	SWNW SEC. 2, T10S, R23E	ML47062		4304735345
KENNEDY WASH STATE 16-1	NWNW SEC 16, T8S, R23E	ML47212		4304733589
MORGAN STATE 01-36	SENW SEC 36, T9S, R21E	ML22265		4304730600
MORGAN STATE 02-36	NWNE SEC 36, T9S, R21E	ML22265		4304732585
MORGAN STATE 03-36	NWNE SEC 36, T9S, R21E	ML22265		4304732589
MORGAN STATE 04-36	NWSW SEC 36, T9S, R21E	ML22265		4304732729
MORGAN STATE 05-36	NWSE SEC 36, T9S, R21E	ML22265		4304732735
MORGAN STATE 06-36	SWNW SEC 36, T9S, R21E	ML22265		4304732810
MORGAN STATE 07-36	NENW SEC 36, T9S, R21E	ML22265		4304732811
MORGAN STATE 08-36	NENE SEC 36, T9S, R21E	ML22265		4304732812
MORGAN STATE 09-36	SWNE SEC 36, T9S, R21E	ML22265		4304732815
MORGAN STATE 10-36	SENE SEC 36, T9S, R21E	ML22265		4304732816
MORGAN STATE 11-36	NESW SEC 36, T9S, R21E	ML22265		4304732813
MORGAN STATE 12-36	NESE SEC 36, T9S, R21E	ML22265		4304732814
MORGAN STATE 13-36	SESE SEC 36, T9S, R21E	ML22265		4304732817
MORGAN STATE 14-36	SWSW SEC 36, T9S, R21E	ML22265		4304733092
MORGAN STATE 15-36	SESW SEC 36, T9S, R21E	ML22265		4304733094
MORGAN STATE 16-36	SWSE SEC 36, T9S, R21E	ML22265		4304733093
STATE 01-32	NESW SEC 32, T10S, R22E	ML22798	891008900A	4304734317
STATE 02-32	SESW SEC 32, T10S, R22E	ML22798		4304734831
STATE 03-32	NWSW SEC 32, T10S, R22E	ML22798		4304734832
STATE 1022-32A	NENE SEC. 32, T10S, R22E	ML22798		4304735096
STATE 1022-32J	NWSE SEC 32, T10S, R22E	ML22798		4304735095
STATE 1022-32M	SWSW SEC 32, T10S, R22E	ML-22798		
STATE 1022-32O	SWSE SEC. 32, T10S, R22E	ML22798		4304735315
STATE 11-36	NESW SEC 36, T8S, R21E	ML22051	9C-205	4304734505
STATE 14-16	SWSW SEC 16, T7S, R21E	ML40904		4304731417
STATE 31-32	SESE SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304730906
STATE 32-21	NESE SEC 32, T8S, R21E	ML22052	9C-204	4304730754
STIRRUP STATE 32-1	NWNE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731557
STIRRUP STATE 32-1-J	NWSE SEC 32, T6S, R21E	ML40226		4304731646
STIRRUP STATE 32-2	SENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731626
STIRRUP STATE 32-6 SWD	NENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304732784
UTE TRIBAL 31-060	NESW SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304733340
WONSITS STATE 01-32	SWNE SEC 32, T7S, R22E	ML47780		4304732820
WONSITS STATE 02-32	SWSE SEC 32, T7S, R22E	ML47780		4304732819
WONSITS STATE 05-32	SENE SEC 32, T7S, R22E	ML47780		4304733678
WONSITS STATE 09-32	NESW SEC 32, T7S, R22E	ML47780		4304734060

Westport Oil & Gas, L.P.

Project Economics Workst

Instructions: Fill in blue b...d areas with before and after project data. The evaluation result. are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for $/BF and $/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ??? N (Y or N)

	BEFORE $/Year	AFTER $/Year	DIFFERENCE $/Year
Gross Oil Revenue	$1,088	$1,099	$11
Gross Gas Revenue	$0	$0	$0
NGL Revenue	$0	$0	$0
PULLING UNIT SERVICE			$0
WIRELINE SERVICE			$0
SUBSURF EQUIP REPAIRS			$0
COMPANY LABOR			$0
CONTRACT LABOR	$0	$200	$200
CONTR SERVICE			$0
LEASE FUEL GAS	$0	$0	$0
UTILITIES - ELECTRICITY	$0	$0	$0
CHEMICAL TREATING			$0
MATERIAL & SUPPLY	$0	$150	$150
WATER & HAULING			$0
ADMINISTRATIVE COSTS			$0
GAS PLANT PROCESSING			$0
Totals	$0	$350	$350 Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, $
Capital $	820/830/840	$1,200
Expense $	830/860	$0
Total $		$1,200

Oil Price	$ 23.00	$/BO
Gas Price	$ 3.10	$/MCF
Electric Cost	$ -	$ / HP / day
OPX/BF	$ 2.00	$/BF
OPX/MCF	$ 0.62	$/MCF

Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

Project Life:

Life = 20.0 Years

(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = ($2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment

See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

Gross Reserves:

Oil Reserves = 6 BO

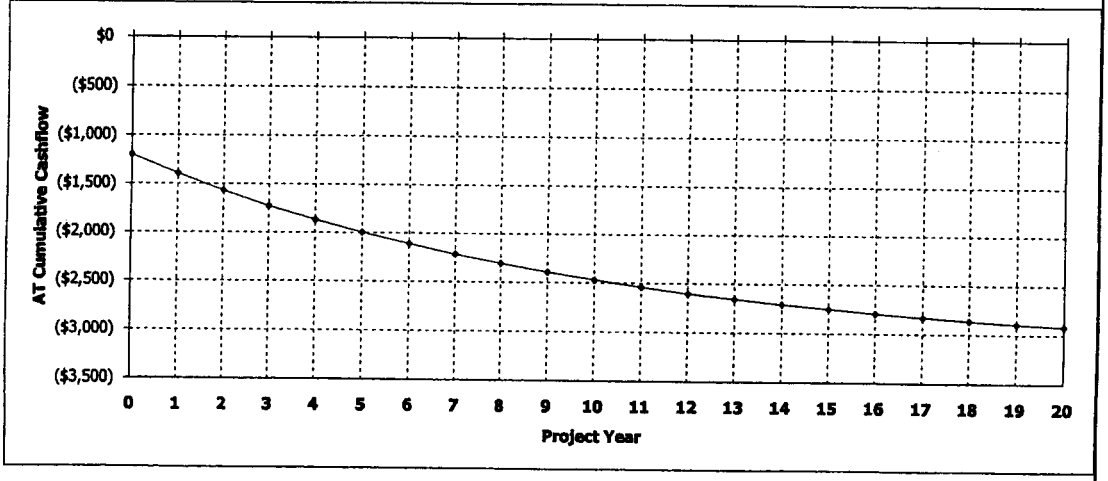
Gas Reserves = 0 MCF

Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				
Calculated at Laboratory Flash Conditions					
80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%
Calculated Flash with Backpressure using Tuned EOS					
80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
MULTIPLE WELLS- SEE ATTACHED

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MULTIPLE WELLS- SEE ATTACHED

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

9. API Well No.
MULTIPLE WELLS- SEE ATTACHED

3a. Address
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. *(include area code)*
435-781-7060

10. Field and Pool, or Exploratory Area
MULTIPLE WELLS- SEE ATTACHED

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
MULTIPLE WELLS- SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☒ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY RESCINDS ANY PREVIOUSLY APPROVED DISPOSAL SITES AND PROPOSES THAT ANY PRODUCED WATER FROM THE ATTACHED LIST OF WELLS WILL BE CONTAINED IN A WATER TANK AND WILL THEN BE HAULED BY TRUCK TO ONE OF THE FOLLOWING PRE-APPROVED DISPOSAL SITES: DALBO, INC.; RNI, SEC. 5-T9S-R22E; ACE OILFIELD, SEC. 2-T6S-R20E; SOUTHMAN CANYON #3 SWD, SEC. 15-T10S-R23E, API NO. 43047158800000S1; AND DIRTY DEVIL FEDERAL 14-10 SWD, SWC. 10-T9S-R24E, API NO. 43047305660OS1.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
DEBRA DOMENICI	ENVIRONMENTAL ASSISTANT
Signature: Debra Domenici	Date: July 12, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
JUL 14 2004
DIV. OF OIL, GAS & MINING

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
SOUTHMAN CANYON 04-04	4	10S	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	10S	23E	NESE	UTU33433	UTU33433	430473063300S1
SOUTHMAN CANYON 09-03M	9	10S	23E	SWSW	UTU37355	UTU37355	430473254000S1
SOUTHMAN CANYON 09-04J	9	10S	23E	NWSE	UTU37355	UTU37355	430473254100S1
SOUTHMAN CANYON 31-01-L	31	09S	23E	NWSW	UTU33433	UTU74898	430473254300S1
SOUTHMAN CANYON 31-02X	31	09S	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	09S	23E	SENW	UTU33433	UTU33433	4304734726005S1
SOUTHMAN CANYON 31-04	31	09S	23E	SESW	UTU33433		4304734727005S1
SOUTHMAN CANYON 923-31B	31	09S	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09S	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10S	23E	NENW	UTU38427	UTU38427	430473048100S1

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
BONANZA 04-06	4	10S	23E	NESW	U-33433	UTU33433	4304734751005S1
BONANZA 06-02	6	10S	23E	NESW	UTU38419	UTU38419	4304734843005S1
BONANZA 08-02	8	10S	23E	SESE	UTU37355	UTU37355	4304734087005S1
BONANZA 08-03	8	10S	23E	NWNW	U-37355	UTU37355	4304734770005S1
BONANZA 09-05	9	10S	23E	SESW	U-37355	UTU37355	4304734866005S1
BONANZA 09-06	9	10S	23E	NWNE	U-37355	UTU37355	4304734771005S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	4304734704005S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	4304734728005S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	4304734772005S1
BONANZA 1023-2A	**2**	**10S**	**23E**	**NENE**	**ML47062**		**4304735347005S1**
BONANZA 1023-2C	2	10S	23E	NENW	ML47062		4304735346005S1
BONANZA 1023-2E	2	10S	23E	SWNW	ML47062		4304735345005S1
BONANZA 1023-4E	4	10S	23E	SWNW	U-33433		4304735392005S1
BONANZA 1023-6C	6	10S	23E	NENW	U-38419	UTU38419	4304735153005S1
BONANZA 1023-7B	7	10S	23E	NWNE	U-38420	UTU38420	4304735172005S1
BONANZA 1023-7L	7	10S	23E	NWSW	U-38420		4304735289005S1
BONANZA 11-02	11	10S	23E	SWNW	UTU38425	CR-23	4304734773005S1
BONANZA FEDERAL 03-15	15	10S	23E	NENW	UTU38428	UTU38428	4304731278005S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENW	UTU38421	UTU38421	4304730379005S1
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	4304730427005S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	4304730419005S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	4304730425005S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	4304730511005S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	4304730885005S1
CIGE 067A	2	10S	22E	NENE	ML22651	891008900A	4304730938005S1
CIGE 068D	35	09S	22E	NWSW	UTU010954A	891008900A	4304730951005S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	4304731146005S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	4304731758005S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	4304732025005S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	4304732022005S1
CIGE 147	36	09S	22E	SESW	ML22650	891008900A	4304732020005S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	4304732067005S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	4304732168005S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	4304732164005S1
CIGE 186	35	09S	22E	NWSE	UTU010954A	891008900A	4304732590005S1
CIGE 193	35	09S	22E	SESE	UTU010954A	891008900A	4304732973005S1
CIGE 194	1	10S	22E	SWNW	U011336	891008900A	4304732932005S1
CIGE 195	2	10S	22E	NWNE	ML22651	891008900A	4304732797005S1
CIGE 212	34	09S	22E	NENE	UTU0149077	891008900A	4304732938005S1
CIGE 221	36	09S	22E	SWSW	ML22650	891008900A	4304732868005S1
CIGE 222	36	09S	22E	NESW	ML22650	891008900A	4304732869005S1
CIGE 223	1	10S	22E	NWNW	U011336	891008900A	4304732983005S1
CLIFF EDGE 1-15	15	10S	23E	NWSE	UTU38427	UTU38427	4304730462005S1
CROOKED CYN FED 1-17	17	10S	23E	NESW	UTU37355	UTU37355	4304730369005S1
FLAT MESA FEDERAL 1-7	7	10S	23E	NWSE	UTU38420	UTU38420	4304730365005S1
FLAT MESA FEDERAL 2-7	7	10S	23E	SENW	UTU38420	UTU38420	4304730545005S1
JACK RABBIT 1-11	11	10S	23E	SWNE	UTU38425	CR-23	4304730423005S1
LOOKOUT POINT STATE 1-16	16	10S	23E	NESE	ML22186A		4304730544005S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	4304730535005S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	4304730536005S1
NBU 1022-1G	1	10S	22E	SWNE	U-11336	891008900A	4304735175005S1
NBU 922-35K	35	09S	22E	NESW	UTU-010954A	891008900A	4304735126005S1
NBU 922-36I	36	09S	22E	NESE	ML-22650	891008900A	4304735107005S1
NO NAME CANYON 1-9	9	10S	23E	SENE	UTU037355	UTU37355	4304730378005S1
NO NAME CANYON 2-9	9	10S	23E	NENW	UTU037355	UTU37355	4304731504005S1
NSO FEDERAL 1-12	12	10S	23E	NENW	UTU38423	CR-22	4304730560005S1
PETE'S FLAT 1-1	1	10S	23E	NESE	UTU40736		4304730558005S1
SAGE HEN FEDERAL 1-6	6	10S	23E	NESE	UTU38419	CR-3	4304730382005S1
SAGEBRUSH FEDERAL 1-8	8	10S	23E	SWNE	UTU37355	UTU37355	4304730383005S1
SHEEPHERDER FEDERAL 1-10	10	10S	23E	NESE	UTU38424	CR-5	4304730559005S1
SOUTHMAN CANYON 01-05 FED	5	10S	23E	SENW	UTU33433	UTU74473	4304730856005S1

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
MULTIPLE WELLS- SEE ATTACHED

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MULTIPLE WELLS- SEE ATTACHED

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

9. API Well No.
MULTIPLE WELLS- SEE ATTACHED

3a. Address
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. *(include area code)*
435-781-7060

10. Field and Pool, or Exploratory Area
MULTIPLE WELLS- SEE ATTACHED

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
MULTIPLE WELLS- SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☒ Water Disposal	

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Westport Oil & Gas Company rescinds any previously approved disposal sites and proposes that any produced water from the attached list of wells on Exhibit A will be contained in a water tank and will then be hauled by truck to one of the following pre-approved disposal sites: Dalbo, Inc. Disposal Pit; RNI Disposal Pit, Sec. 5-T9S-R22E; Ace Oilfield Disposal, Sec. 2-T6S-R20E; Southman Canyon #3 SWD, Sec. 15-T10S-R23E, API No. 43047158800000S1 CIGE 9 SWD, Sec. 36-T9S-R22E; and Dirty Devil Federal 14-10 SWD, Sec. 10-T9S-R24E, API No. 430473056600S1. The disposal/emergency pits for the locations listed on Exhibit B will be reclaimed within the 2004 year. The rest of the locations that have disposal/emergency pits which are listed on Exhibit C will have their pits reclaimed by September 2008.

RECEIVED
JUL 27 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
DEBRA DOMENICI	ENVIRONMENTAL ASSISTANT
Signature *Debra Domenici*	Date July 22, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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(Instructions on reverse)

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
BONANZA 04-06	4	10S	23E	NESW	U-33433	UTU33433	4304734751005S1
BONANZA 06-02	6	10S	23E	NESW	UTU38419	UTU38419	4304734843005S1
BONANZA 08-02	8	10S	23E	SESE	UTU37355	UTU37355	4304734087005S1
BONANZA 08-03	8	10S	23E	NWNW	U-37355	UTU37355	4304734770005S1
BONANZA 09-05	9	10S	23E	SESW	U-37355	UTU37355	4304734866005S1
BONANZA 09-06	9	10S	23E	NWNE	U-37355	UTU37355	4304734771005S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	4304734704005S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	4304734728005S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-2A	**2**	**10S**	**23E**	**NENE**	**ML47062**		**430473534700S1**
BONANZA 1023-2C	2	10S	23E	NENW	ML47062		430473534600S1
BONANZA 1023-2E	2	10S	23E	SWNW	ML47062		430473534500S1
BONANZA 1023-4E	4	10S	23E	SWNW	U-33433		43047353920S1
BONANZA 1023-6C	6	10S	23E	NENW	U-38419	UTU38419	430473515300S1
BONANZA 1023-7B	7	10S	23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7	10S	23E	NWSW	U-38420		430473528900S1
BONANZA 11-02	11	10S	23E	SWNW	UTU38425	CR-23	4304734773005S1
BONANZA FEDERAL 03-15	15	10S	23E	NENW	UTU38428	UTU38428	4304731278005S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENW	UTU38421	UTU38421	430473037900S1
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	4304730419005S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	4304730425005S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10S	22E	NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35	09S	22E	NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	4304731146005S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	4304731758005S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	4304732025005S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	4304732022005S1
CIGE 147	36	09S	22E	SESW	ML22650	891008900A	4304732020005S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	4304732067005S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	4304732168005S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	4304732164005S1
CIGE 186	35	09S	22E	NWSE	UTU010954A	891008900A	430473259000S1
CIGE 193	35	09S	22E	SESE	UTU010954A	891008900A	4304732973005S1
CIGE 194	1	10S	22E	SWNW	U011336	891008900A	4304732932005S1
CIGE 195	2	10S	22E	NWNE	ML22651	891008900A	4304732797005S1
CIGE 212	34	09S	22E	NENE	UTU0149077	891008900A	4304732938005S1
CIGE 221	36	09S	22E	SWSW	ML22650	891008900A	4304732868005S1
CIGE 222	36	09S	22E	NESW	ML22650	891008900A	4304732869005S1
CIGE 223	1	10S	22E	NWNW	U011336	891008900A	4304732983005S1
CLIFF EDGE 1-15	15	10S	23E	NWSE	UTU38427	UTU38427	4304730462005S1
CROOKED CYN FED 1-17	17	10S	23E	NESW	UTU37355	UTU37355	4304730369005S1
FLAT MESA FEDERAL 1-7	7	10S	23E	NWSE	UTU38420	UTU38420	4304730365005S1
FLAT MESA FEDERAL 2-7	7	10S	23E	SENW	UTU38420	UTU38420	4304730545005S1
JACK RABBIT 1-11	11	10S	23E	SWNE	UTU38425	CR-23	4304730423005S1
LOOKOUT POINT STATE 1-16	16	10S	23E	NESE	ML22186A		4304730544005S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	430473053500S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	430473053600S1
NBU 1022-1G	1	10S	22E	SWNE	U-11336	891008900A	4304735175005S1
NBU 922-35K	35	09S	22E	NESW	UTU-010954A	891008900A	4304735126005S1
NBU 922-36I	36	09S	22E	NESE	ML-22650	891008900A	430473510700S1
NO NAME CANYON 1-9	9	10S	23E	SENE	UTU037355	UTU37355	4304730378005S1
NO NAME CANYON 2-9	9	10S	23E	NENW	UTU037355	UTU37355	4304731504005S1
NSO FEDERAL 1-12	12	10S	23E	NENW	UTU38423	CR-22	4304730560005S1
PETE'S FLAT 1-1	1	10S	23E	NESE	UTU40736		4304730558005S1
SAGE HEN FEDERAL 1-6	6	10S	23E	NESE	UTU38419	CR-3	4304730382005S1
SAGEBRUSH FEDERAL 1-8	8	10S	23E	SWNE	UTU37355	UTU37355	4304730383005S1
SHEEPHERDER FEDERAL 1-10	10	10S	23E	NESE	UTU38424	CR-5	430473055900S1
SOUTHMAN CANYON 01-05 FED	5	10S	23E	SENW	UTU33433	UTU74473	4304730856005S1

EXHIBIT A

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
SOUTHMAN CANYON 04-04	4	10S	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	10S	23E	NESE	UTU33433	UTU33433	430473063300S1
SOUTHMAN CANYON 09-03M	9	10S	23E	SWSW	UTU37355	UTU37355	430473254000S1
SOUTHMAN CANYON 09-04J	9	10S	23E	NWSE	UTU37355	UTU37355	430473254100S1
SOUTHMAN CANYON 31-01-L	31	09S	23E	NWSW	UTU33433	UTU74898	430473254300S1
SOUTHMAN CANYON 31-02X	31	09S	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	09S	23E	SENW	UTU33433	UTU33433	430473472600S1
SOUTHMAN CANYON 31-04	31	09S	23E	SESW	UTU33433		430473472700S1
SOUTHMAN CANYON 923-31B	31	09S	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09S	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10S	23E	NENW	UTU38427	UTU38427	430473048100S1

EXHIBIT B
PITS TO BE RECLAIMED IN 2004

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1

EXHIBIT C
PITS TO BE RECLAIMED BY SEPTEMBER, 2008

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	430473041900S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	430473042500S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10S	22E	NENE	ML22651	891008900A	4304730938000S1
CIGE 068D	35	09S	22E	NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	4304731146000S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	4304731758000S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	4304732025000S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	4304732022000S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	4304732067000S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	4304732168000S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	4304732164000S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	430473053500S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	430473053600S1

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP
1368 South 1200 East	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024

CA No. **Unit:**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/7/2006
4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on:
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

BLM BOND = CO1203
BIA BOND = RLB0005239

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
RANDY BAYNE	DRILLING MANAGER
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
BRAD LANEY	ENGINEERING SPECIALIST
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Brad Laney	Title	Date 5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP
Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217
Phone Number: (720) 929-6029

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
See Atchmt	See Atchmt						
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
	99999	18519				5/1/2012	

Comments: Please see attachment with list of Wells in the Ponderosa Unit. 5/30/2012
lwsmvd

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED
MAY 21 2012
Div. of Oil, Gas & Mining

Cara Mahler
Name (Please Print)

Signature

REGULATORY ANALYST
Title

5/21/2012
Date

(5/2000)

well_name	sec	twp	rng	api	entity		lease	well	stat	qtr_qtr	bhl	surf	zone	a_stat	l_num	op_no
SOUTHMAN CANYON 31-3	31	090S	230E	4304734726	13717		1	GW	P	SENW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742		1	GW	S	SESW		1	WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	090S	230E	4304734898	13755		1	GW	P	NWNW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149	13994		1	GW	P	NWSE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31B	31	090S	230E	4304735150	13953		1	GW	P	NWNE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31P	31	090S	230E	4304735288	14037		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		1	GW	P	SENE		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31O	31	090S	230E	4304737205	16827		1	GW	P	SWSE		1	MVRD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	090S	230E	4304737209	16521		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	P	NENE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	P	SWNE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	P	NENE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	P	SWNW		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	P	NENW		1	MVRD	P	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	P	NESW		1	MVRD	P	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	P	SENW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	P	NWNE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	P	NWNW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	P	SENE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1	GW	P	NWSW		1	MVRD	P	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1	GW	P	NWSE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1	GW	P	NESE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3	GW	P	SWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3	GW	P	NENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3	GW	P	NENE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3	GW	P	SWNE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O	02	100S	230E	4304735662	14289		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3	GW	S	NESE		3	WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3	GW	P	SWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3	GW	P	SENE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3	GW	P	NWNE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3	GW	P	SESE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3	GW	P	SESW		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2L	02	100S	230E	4304737225	15833		3	GW	P	NWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2F	02	100S	230E	4304737226	15386		3	GW	P	SENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D-4	02	100S	230E	4304738761	16033		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O-1	02	100S	230E	4304738762	16013		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H3CS	02	100S	230E	4304750344	17426		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G3BS	02	100S	230E	4304750345	17428		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G2CS	02	100S	230E	4304750346	17429		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G1BS	02	100S	230E	4304750347	17427		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995

BONANZA 1023-2M1S	02	100S	230E	4304750379	17443		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445		3	GW	P	SENW	D	3	WSMVD	P	ML 47062	N2995
BONANZA 4-6 *	04	100S	230E	4304734751	13841		1	GW	P	NESW		1	MNCS	P	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155		1	GW	P	SWNW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252		1	GW	P	NENW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930		1	GW	P	SWSW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4O	04	100S	230E	4304735688	15111		1	GW	P	SWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446		1	GW	P	NESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4D	04	100S	230E	4304737315	16352		1	GW	P	NWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4B	04	100S	230E	4304737328	16351		1	GW	P	NWNE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395		1	GW	P	SESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356		1	GW	P	SENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5O	05	100S	230E	4304735438	14297		1	GW	P	SWSE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699		1	GW	P	SWSW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055		1	GW	P	NWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795		1	GW	P	SESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323		1	GW	P	NESE	D	1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796		1	GW	TA	NESW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951		1	GW	P	NENW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6E	06	100S	230E	4304735358	14170		1	GW	P	SWNW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233		1	GW	P	SWSW		1	WSMVD	P	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221		1	GW	P	SWNE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6O	06	100S	230E	4304735630	14425		1	GW	TA	SWSE		1	WSMVD	TA	U-38419	N2995

* not moved in unit

BONANZA 1023-6A	06	100S	230E	4304736067	14775		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-6N	06	100S	230E	4304737211	15672		1	GW	P	SESW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6L	06	100S	230E	4304737212	15673		1	GW	P	NWSW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6J	06	100S	230E	4304737213	15620		1	GW	P	NWSE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	100S	230E	4304737214	15576		1	GW	TA	SENW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	100S	230E	4304737323	16794		1	GW	P	SESE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6H	06	100S	230E	4304737324	16798		1	GW	S	SENE		1	WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100S	230E	4304737429	17020		1	GW	P	NWNW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1AS	06	100S	230E	4304750453	17581		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I2S	06	100S	230E	4304750457	17790		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I4S	06	100S	230E	4304750458	17792		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244		1	GW	S	NENW		1	WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943		1	GW	P	NWNE		1	MVRD	P	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054		1	GW	P	NWSW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		1	GW	P	NWNW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		1	GW	P	SESE		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		1	GW	P	SENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		1	GW	P	SESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7M	07	100S	230E	4304737215	16715		1	GW	P	SWSW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7K	07	100S	230E	4304737216	16714		1	GW	P	NESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	100S	230E	4304737217	16870		1	GW	P	SWNW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	100S	230E	4304737326	16765		1	GW	P	SWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	100S	230E	4304737327	16796		1	GW	P	NENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7O	07	100S	230E	4304738304	16713		1	GW	P	SWSE		1	MVRD	P	UTU-38420	N2995
BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		1	GW	P	NWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-07JT	07	100S	230E	4304739390	16869		1	GW	P	NWSE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	17494		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7J2DS	07	100S	230E	4304750475	17495		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7L3DS	07	100S	230E	4304750476	17939		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7M2AS	07	100S	230E	4304750477	17942		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7O4S	07	100S	230E	4304750480	17918		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 8-2	08	100S	230E	4304734087	13851		1	GW	P	SESE		1	MVRD	P	U-37355	N2995

BONANZA 8-3	08	100S	230E	4304734770	13843	1	GW	P	NWNW		1	MVRD	P	U-37355	N2995
BONANZA 1023-8A	08	100S	230E	4304735718	14932	1	GW	P	NENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8L	08	100S	230E	4304735719	14876	1	GW	P	NWSW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8N	08	100S	230E	4304735720	15104	1	GW	P	SESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8F	08	100S	230E	4304735989	14877	1	GW	S	SENW		1	WSMVD	S	UTU-37355	N2995
BONANZA 1023-8I	08	100S	230E	4304738215	16358	1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8K	08	100S	230E	4304738216	16354	1	GW	P	NESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8M	08	100S	230E	4304738217	16564	1	GW	P	SWSW		1	MVRD	P	UTU-37355	N2995
BONANZA 1023-8G	08	100S	230E	4304738218	16903	1	GW	P	SWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8E	08	100S	230E	4304738219	16397	1	GW	P	SWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8C	08	100S	230E	4304738220	16355	1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B	08	100S	230E	4304738221	16292	1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8H	08	100S	230E	4304738222	16353	1	GW	P	SENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8O	08	100S	230E	4304738305	16392	1	GW	P	SWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B-4	08	100S	230E	4304738914	17019	1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8A1DS	08	100S	230E	4304750481	17518	1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4BS	08	100S	230E	4304750483	17519	1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B1AS	08	100S	230E	4304750484	17520	1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B2AS	08	100S	230E	4304750485	17521	1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O2S	08	100S	230E	4304750495	17511	1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J1S	08	100S	230E	4304750496	17509	1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3S	08	100S	230E	4304750497	17512	1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J3	08	100S	230E	4304750498	17510	1	GW	P	NWSE		1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C4CS	08	100S	230E	4304750499	17544	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D2DS	08	100S	230E	4304750500	17546	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D3DS	08	100S	230E	4304750501	17545	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3DS	08	100S	230E	4304750502	17543	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4CS	08	100S	230E	4304751131	18169	1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B3BS	08	100S	230E	4304751132	18167	1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C1AS	08	100S	230E	4304751133	18166	1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G3AS	08	100S	230E	4304751134	18168	1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2AS	08	100S	230E	4304751135	18227	1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3BS	08	100S	230E	4304751136	18227	1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4AS	08	100S	230E	4304751137	18224	1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4DS	08	100S	230E	4304751138	18225	1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J2CS	08	100S	230E	4304751139	18226	1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G4DS	08	100S	230E	4304751140	18144	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H2DS	08	100S	230E	4304751141	18142	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H3DS	08	100S	230E	4304751142	18143	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H4DS	08	100S	230E	4304751143	18141	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8I4BS	08	100S	230E	4304751144	18155	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J4BS	08	100S	230E	4304751145	18154	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P1AS	08	100S	230E	4304751146	18156	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P4AS	08	100S	230E	4304751148	18157	1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2DS	08	100S	230E	4304751149	18201	1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995

BONANZA 1023-8E3DS	08	100S	230E	4304751150	18200		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K1CS	08	100S	230E	4304751151	18199		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8L3DS	08	100S	230E	4304751153	18197		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2AS	08	100S	230E	4304751154	18217		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2DS	08	100S	230E	4304751155	18216		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N2BS	08	100S	230E	4304751156	18218		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3CS	08	100S	230E	4304751157	18254		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N3DS	08	100S	230E	4304751158	18215		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O4AS	08	100S	230E	4304751159	18252		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468		1	GW	P	NENW		1	MVRD	P	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767		1	GW	S	SWSW		1	MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685		1	GW	S	NWSE		1	MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852		1	GW	P	NWNE		1	MVRD	P	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892		1	GW	P	SESW		1	MVRD	P	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931		1	GW	P	SWNW		1	WSMVD	P	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398		1	GW	P	NWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989		1	GW	P	NWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782		1	GW	P	NWNW		1	MVRD	P	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164		1	GW	P	NWSW		1	WSMVD	P	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501		1	GW	P	SWNW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 11-2 ✯	11	100S	230E	4304734773	13768		1	GW	P	SWNW		1	MVMCS	P	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132		1	GW	P	NESW		1	WSMVD	P	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764		1	GW	P	NWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797		1	GW	P	SENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711		1	GW	P	NWNW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826		1	GW	P	SWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736		1	GW	P	NENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839		1	GW	P	NWSE		1	WSMVD	P	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646		1	GW	P	SESW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687		1	GW	P	SWSW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987		1	GW	P	NWSW		1	WSMVD	P	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480		1	GW	P	NENW		1	MVRD	P	UTU-38423	N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500		1	GW	S	NENW		1	MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799		1	GW	P	NWNW		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-14C	14	100S	230E	4304738299	16623		1	GW	P	NENW		1	MVRD	P	UTU-38427	N2995
BONANZA FEDERAL 3-15	15	100S	230E	4304731278	8406		1	GW	P	NENW		1	MVRD	P	U-38428	N2995

✯ not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688	1	GW	P	SENE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988	1	GW	P	NWSE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492	1	GW	P	NESE	D	1	MVRD	P	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493	1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490	1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491	1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495	3	GW	P	NESE		3	WSMVD	P	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987	3	GW	OPS	NWSE		3	WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165	1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585	1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946	1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410	1	GW	P	SWNE		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395	1	GW	P	NWNE		1	WSMVD	P	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668	1	GW	P	NWNW		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625	1	GW	P	NENE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624	1	GW	P	SENW		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645	1	GW	P	SWNW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734	1	GW	P	NENW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135	1	GW	P	SWNE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496	1	GW	P	SENW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115	1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565		GW	P	SENW			MVRD	P	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320		GW	P	NENW	D		WSMVD	P	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319		GW		NENW	D				UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317		GW	P	NENW	D		WSMVD	P	UTU 38419	N2995